Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

A 64.9
R31A

CROPS RESEARCH

ARS 34-113
MAY 1970

RESULTS OF 1968

REGIONAL COTTON VARIETY TESTS

by Cooperating Agricultural Experiment Stations

Alabama
Arizona
Arkansas
California
Georgia
Louisiana
Mississippi
Missouri

Nevada
New Mexico
North Carolina
Oklahoma
South Carolina
Tennessee
Texas

Agricultural Research Service
U.S. DEPARTMENT OF AGRICULTURE

ACKNOWLEDGMENTS

The success of the regional cotton variety tests results from interest and diligence of many workers who conducted the tests, processed the fiber samples, tabulated the information, and analyzed the data. The following workers have been primarily responsible for furnishing the field data and providing fiber samples.

Alabama - W. C. Johnson, Auburn; John Boseck, Belle Mina; S. E. Gissendanner, Crossville.
Arizona - W. D. Fisher, C. V. Feaster, E. L. Turcotte, E. H. Morris, Phoenix; L. S. Stith, Tucson; Fred Carasso, Yuma.
Arkansas - M. F. Appleberry, McGeehee; assisted by B. A. Waddle, Fayetteville and R. F. Ford, Jonesboro.
California - J. H. Turner, D. M. Bassett, M. Lehman, H. B. Cooper, Shafter; C. M. Brown, Brawley.
Georgia - B. S. Hawkins, H. A. Peacock, Experiment; S. A. Parham, Shelby Baker, Tifton.
Louisiana - F. W. Self, Baton Rouge; J. A. Hendrix, R. L. Flint, St. Joseph; J. Y. Oakes, W. D. Caldwell, Bossier City.
Mississippi - R. R. Bridge, W. R. Meredith, J. F. Chism, Stoneville.
Missouri - W. P. Sappenfield, Portageville.
Nevada - G. D. Robison, Logandale; R. A. Madsen, Pahrump.
New Mexico - G. Staten, R. L. Wood, Las Cruces; C. E. Barnes, Artesia.
North Carolina - P. A. Miller, J. A. Lee, Raleigh.
Oklahoma - L. M. Verhalen, Stillwater; E. S. Oswalt, Chickasha.
South Carolina - J. B. Pitner, D. C. Harrell, F. M. Harrell, T. W. Culp, Florence; E. B. Eskew, Clemson.
Tennessee - C. R. Graves, Knoxville; P. E. Hoskinson, J. K. Overton, Jackson.
Texas - G. A. Niles, T. R. Richmond, College Station; J. R. Mulkey, Chillicothe; R. F. Lynch, McGregor; L. Reyes, R. E. Nolan, Beeville; L. L. Ray, Lubbock; J. J. Hefner, Pecos; P. J. Lyerly, E. F. Young, El Paso.

The staff of the Agricultural Research Service's U.S. Cotton Fiber and Spinning Laboratories, University of Tennessee, Knoxville, led by P. R. Ewald, conducted the fiber and spinning tests. Fiber testing was conducted by Smith Worley, Jr.

The Biometrical Services Staff, Beltsville, Md., directed the statistical analysis. Computation of data was performed by Data Systems Application Division, USDA, Beltsville, Md.

The interest and cooperation of the commercial cottonseed firms of the United States are also acknowledged. For the most part, seed for planting of the regional entries were contributed by the commercial firms. Seed of varieties used as national standards were supplied by the following organizations: Acala 1517D--New Mexico Crop Improvement Association, Las Cruces, N. Mex.; Coker 201--Coker's Pedigreed Seed Co., Hartsville, S.C.; Paymaster 54B--ACCO Seed, Plainview, Tex.; and Stoneville 7A--Stoneville Pedigreed Seed Co., Stoneville, Miss.

CONTENTS

Page

Introduction 1

Regions and locations 2

Explanation of table headings and symbols 4

Test results 5

  Eastern regional cotton variety test 6

  Delta regional cotton variety test 14

  Central regional cotton variety test 22

  Plains regional cotton variety test 30

  Western regional cotton variety test 42

  San Joaquin Valley continuous cotton variety test 54

  High quality regional cotton variety test 62

  Plains quality regional cotton variety test 82

  Pima regional cotton variety test 92

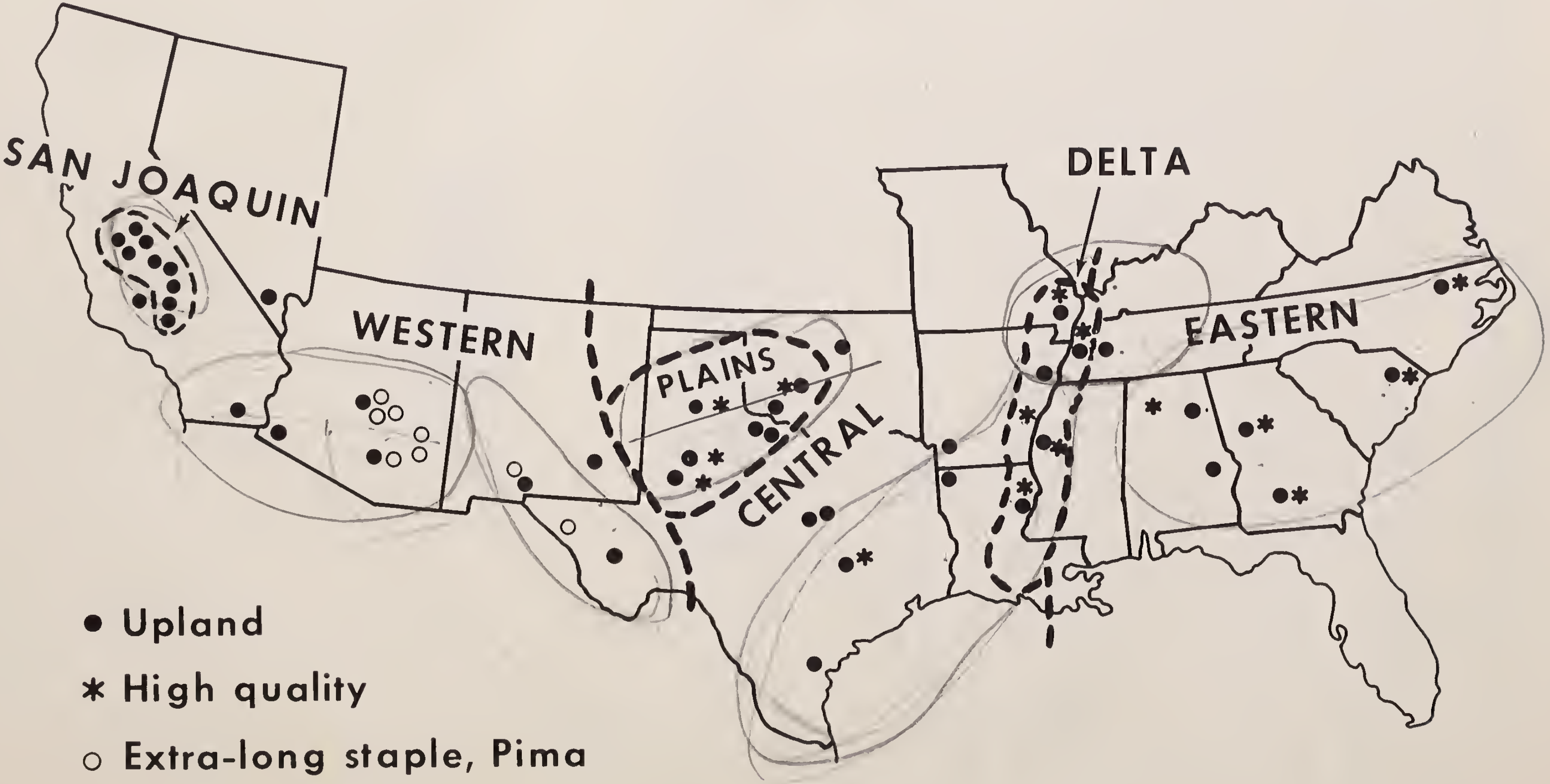
Joint Cotton Breeding Policy Committee 103

National Cotton Variety Testing Committee 103

Trade names and company names are used in this publication solely for the purpose of providing specific information. Mention of trade names and company names does not constitute their endorsement by the U.S. Department of Agriculture.

Prepared in
Cotton and Cordage Fibers Research Branch
Crops Research Division
Agricultural Research Service
U.S. Department of Agriculture

REGIONAL COTTON VARIETY TESTING PROGRAMS



RESULTS OF 1968 REGIONAL COTTON VARIETY TESTS[1]

by Cooperating Agricultural Experiment Stations:

Alabama	Nevada
Arizona	New Mexico
Arkansas	North Carolina
California	Oklahoma
Georgia	South Carolina
Louisiana	Tennessee
Mississippi	Texas
Missouri	

INTRODUCTION

The regional cotton variety testing program was developed from recommendations of the Joint Cotton Breeding Policy Committee and plans of the National Cotton Variety Testing Committee. The members of these two committees as of January 1969 are given on page 103.

Data for the 1968 regional cotton variety tests were drawn from selected locations involved in the variety testing programs of 15 State agricultural experiment stations. For this reason, details of design, plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures.

The operations and measurements required for the development of data on yield and such other agronomic characters as boll size and lint percentage were performed by personnel at the cooperating stations. Fiber samples were sent to the U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn., where fiber and spinning tests were made. All data were assembled in the Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md. Analysis of the data was directed by the Biometrical Services Staff of ARS. The computations were performed by the Data Systems Application Division.

The number of replications for yield data ranged from two to eight, but a great majority of tests had six replications from each variety at all stations. Boll, seed, fiber, and spinning data were based on two replications from each variety at all stations. A randomized block analysis was employed, although some tests were planted in lattice designs. Separation of means was by Duncan's multiple range method at the 0.05 level of probability.

Results for the first 3-year cycle of testing were reported in U.S. Agricultural Research Service publications ARS 34-30, ARS 34-43, and ARS 34-60 for 1960, 1961, and 1962, respectively. Results of the second 3-year cycle of testing were reported in ARS 34-68, ARS 34-81, and ARS 34-82 for the years 1963, 1964, and 1965, respectively. Results of the first 2 years of the third 3-year cycle were reported in ARS 34-96 and ARS 34-105 for 1966 and 1967, respectively. This bulletin reports the last year of the third 3-year cycle (1968 season).

For the third 3-year cycle, Acala 1517D, Coker 201, Paymaster 54B, and Stoneville 7A were chosen as national standards. Within each region, the cooperators annually select a group of regional standard varieties that are common to all of the tests within the region for the particular year. Each station may enter optional varieties of local interest, but only data from the national and regional standards are included in this report.

All the varieties tested were grown to obtain experimental data. Their selection as national or regional standards does not constitute endorsement by the U.S. Department of Agriculture or the cooperating State agricultural experiment stations.

---

[1] C. F. Lewis and Thomas Kerr, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md., assembled the data and prepared the material for publication.

REGIONS AND LOCATIONS

The regional cotton variety tests are organized into six regions for testing upland varieties and into one region for extra-long staple Pima varieties. In addition, two special tests for evaluating strains with superior fiber properties and spinning performance are conducted.

The tests of the San Joaquin Valley Continuous Variety Testing Committee were conducted by the Department of Agronomy, Davis, Calif., on land furnished by cooperating growers at nine test sites. The national standard entries were planted at only four of the nine locations.

The regions and participating stations during the 1968 season are listed. The map shows the geographical locations of the tests.

Eastern Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Georgia Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Alabama Agricultural Experiment Station	Auburn, Ala.
Sand Mountain Substation	Crossville, Ala.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.

Delta Regional Cotton Variety Test

Delta Branch Experiment Station	Stoneville, Miss.
Northeast Louisiana Experiment Station	St. Joseph, La.
Missouri-Delta Center	Portageville, Mo.
West Tennessee Experiment Station	Fort Pillow, Tenn.
Arkansas-Delta Substation	Clarkedale, Ark.

Central Regional Cotton Variety Test

Oklahoma Agricultural Experiment Station	Stillwater, Okla.
Texas Agricultural Experiment Station	College Station, Tex.
Coastal Bend Experiment Station, Beeville, Tex.:	
Off-station test	Nueces County, Tex.
Livestock and Forage Research Center	McGregor, Tex.
Southwest Branch Experiment Station	Hope, Ark.
Red River Valley Experiment Station	Bossier City, La.

Plains Regional Cotton Variety Test

South Plains Research and Extension Center	Lubbock, Tex.
Off-station test	Tulia, Tex.
Off-station test	Welch, Tex.
Livestock and Forage Research Center	McGregor, Tex.
Rolling Plains Soil & Crop Research Station	Chillicothe, Tex.
Irrigated test	Chillicothe, Tex.
Cotton Research Station	Chickasha, Okla.
Irrigation Experiment Station	Altus, Okla.

Western Regional Cotton Variety Test

U.S. Cotton Research Station	Shafter, Calif.
Southwestern Irrigation Field Station	Brawley, Calif.
Southern Nevada Field Station, Logandale, Nev.:	
Pahrump Field Laboratory	Pahrump, Nev.
Arizona Agricultural Experiment Station:	
Cotton Research Center	Phoenix, Ariz.
Marana Experimental Farm	Marana, Ariz.
Yuma Valley Station	Yuma Ariz.
New Mexico Agricultural Experiment Station	Las Cruces, N. Mex.
Southeastern Branch Station	Artesia, N. Mex.
Trans-Pecos Experiment Station	Pecos, Tex.

San Joaquin Valley Continuous Cotton Variety Test

California Agricultural Experiment Station:	
Off-station tests:	
Kuhr Farm	Chowchilla, Calif.
San Juan Ranch	Dos Palos, Calif.
Jessen Farm	Kearney Park, Calif.
Jones Farm	Tranquillity, Calif.
Inco Farms	Lemoore, Calif.
Cardoza	Tulare, Calif.
Fisher Farm	Woodville, Calif.
Frick Farm	Kern Lake, Calif.
Allen Farm	Coalinga, Calif.

High Quality Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Georgia Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Northeast Louisiana Experiment Station	St. Joseph, La.
Delta Branch Experiment Station	Stoneville, Miss.
Delta Center, Missouri Experiment Station	Portageville, Mo.
Texas Agricultural Experiment Station	College Station, Tex.
Southeast Branch Experiment Station	Rohwer, Ark.
Tennessee Valley Substation	Belle Mina, Ala.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.

Plains Quality Regional Cotton Variety Test

South Plains Research and Extension Center	Lubbock, Tex.
Off-station test	Tulia, Tex.
Off-station test	Welch, Tex.
Cotton Research Station	Chickasha, Okla.

Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station:	
Cotton Research Center	Phoenix, Ariz.
Off-station tests:	
Wuertz Farm	Coolidge, Ariz.
Curtis Farm	Safford, Ariz.
Pace Farm	Safford, Ariz.
Marana Experiment Station	Marana, Ariz.
New Mexico Agricultural Experiment Station:	
Off-station test, Salopek Farm	Las Cruces, N. Mex.
Far West Texas Research Station:	
Off-station test, Maros Farm	Fabens, Tex.
Arizona State University	Tempe, Ariz.

COMBED YARN TEST

Combed yarn tests were made at the Clemson Spinning Laboratory from four locations of the Pima Regional Cotton Variety Test. Pima cottons are commonly spun into combed yarns. In addition to the data obtained at Knoxville and reported for all the regional tests, the fiber and spinning data obtained from these combed yarn tests are also given. The format used in reporting the combed yarn data is the same as that used in annual spinning test reports from 1954 to 1959. The cotton in the combed yarn tests was carded at 4.5 lb./hr., the comber setting was 0.48 in., and the twist multiplier used was 3.60.

EXPLANATION OF TABLE HEADINGS AND SYMBOLS

Yield	The mean production of the plots harvested, expressed in pounds of lint per acre.
Boll size	(a) Average weight, in grams, per boll of seed cotton. (b) The number of bolls of seed cotton required to weigh 1 pound.
Lint percent	The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton.
Seed index	The weight of 100 seed, in grams.
Span length	Length measured on the Digital Fibrograph. The distance spanned by a specified percentage of the fibers in the test specimen where the initial starting point of the scanning in the test is considered 100 percent.
50-percent span length	The length in inches in the test specimen spanned by 50 percent of the fibers scanned at the initial starting point.
2.5-percent span length	The length in inches on the test specimen spanned by 2.5 percent of the fibers scanned at the initial starting point. The 2.5-percent span length approximates classer's staple.
22's	The yarn strength of 22's (acually 27 tex) as determined from a small scale (50 g.) test.
Colorimeter measurements	These were determined by the Nickerson-Hunter Colorimeter (Spinlab Model).
Reflectance (R_d)	R_d is a measure of the percentage of reflectance; the higher the value, the lighter is the cotton.
Yellowness (+b)	Hunter's +b value is a measure of increasing yellowness of the cotton.
Micronaire	The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) micronaire units.
Drawing sliver length	Length measured on the Servo Fibrograph from samples taken from the second drawing sliver.
UHM (Upper half mean)	The length, in inches of the half of the fibers, by weight, that contains the longer fibers. Values for UHM approximate classer's staple and also 2.5-percent span length.
Mean	The average length, in inches, of all fibers longer than 1/4 inch.
Uniformity ratio	The ratio of mean length to UHM length expressed in percentage.

T_0	The fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed. Strength is expressed in terms of grams per tex.
Tex	A measuring unit for fibers, filaments, and yarns based on weight in grams of 1000 meters of fiber or yarn (a tex equals 0.1 grex).
T_1	The fiber strength of a bundle of fibers measured on the Stelometer with two jaws holding the fiber bundle separated by a 1/8-inch spacer. Strength is expressed in terms of grams per tex.
E_1	The percentage elongation at break of the center 1/8 inch of the fiber bundle measured for T_1 strength on the Stelometer.
Arealometer measurements:	
A	"A" is a measure of the external surface area of the fibers of a given volume of fibrous material, expressed in terms of square millimeters per cubic millimeter of fibrous material.
D	Difference between the vlue of the specific area determined at high pressure (A_H) and the value of the specific area determined at standard pressure (the "A" measured above). "D" is presumably a measure of the flatness of the fiber ribbon; that is, the higher the "D" value, the more ribbonlike are the fibers.
Letters following means	Means followed by the same letter cannot be considered significantly different at the 0.05 level of probability.

TEST RESULTS

The test results are presented in a series of tables designed to furnish reliable information on the performance of cotton varieties in experimental tests across the United States in 1968. No interpretation of these data, other than the indication of significant difference among means based on the analysis of variance, is presented in this publication.

In the summary of data for individual stations, the varieties are arranged in descending order of yield of lint per acre. Analysis of variance of yield was calculated for each individual station.

In the regional summaries, each character is ranked separately in descending order and the significant difference among means is indicated. For easy examination, the mean performance of a variety for all measurements was retabulated into a single table for each region.

The mean performance of the stations, within each region, is also presented.

1968 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
COKER 201	797 A	5.98	76	38.2	11.1	.48	1.09	121
STONEVILLE 213	762 AB	5.42	84	38.3	10.5	.47	1.07	118
DIXIE KING II	741 ABC	6.87	66	37.6	11.4	.46	1.05	114
AUBURN M	715 BCD	6.18	74	36.1	12.2	.48	1.08	119
STONEVILLE 7A	713 BCD	5.36	85	38.5	10.5	.50	1.12	122
DELTAPINE 45A	695 BCDE	5.49	83	37.9	11.0	.49	1.07	123
MC NAIR 1032	680 CDE	5.28	86	36.5	10.6	.49	1.05	128
COKER 413-68	647 DEF	5.51	83	35.9	11.1	.49	1.12	132
EMPIRE WR-61	637 EFG	7.19	63	36.2	13.1	.47	1.08	119
REX SMOOTHLEAF	634 EFG	6.64	68	36.1	12.7	.47	1.07	115
DELTAPINE S.L.	628 EFG	5.26	87	38.6	9.6	.48	1.07	125
ACALA 1517D	596 FG	6.37	72	34.1	12.8	.54	1.16	152
PAYMASTER 54B	569 G	6.24	73	36.4	11.3	.45	0.97	109

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
FLORENCE, S.C.	965 A	6.12	75	36.8	12.3	.50	1.09	127
JACKSON, TENN.	755 B	6.05	76	36.7	10.3	.47	1.07	124
EXPERIMENT, GA	727 B	6.22	74	38.5	11.0	.50	1.07	129
AUBURN, ALA.	656 C	5.70	81	38.9	10.9	.47	1.08	119
SAND MT., ALA.	610 CD	6.31	73	38.3	12.8	.51	1.11	118
ROCKY MT., N.C	585 D	5.55	83	33.9	11.3	.00	0.00	00
TIFTON, GA.	448 E	5.93	78	35.6	11.2	.46	1.05	121

BOLL SIZE, GRAM PER BOLL

EMPIRE WR-61	7.19 A
DIXIE KING II	6.87 AB
REX SMOOTHLEAF	6.64 BC
ACALA 1517D	6.37 CD
PAYMASTER 54B	6.24 DE
AUBURN M	6.18 DE
COKER 201	5.98 E
COKER 413-68	5.51 F
DELTAPINE 45A	5.49 F
STONEVILLE 213	5.42 F
STONEVILLE 7A	5.36 F
MC NAIR 1032	5.28 F
DELTAPINE S.L.	5.26 F

BOLL SIZE, NO. PER LB.

DELTAPINE S.L.	87.00 A
MC NAIR 1032	86.00 A
STONEVILLE 7A	85.00 A
STONEVILLE 213	84.00 A
DELTAPINE 45A	83.00 A
COKER 413-68	83.00 A
COKER 201	76.00 B
AUBURN M	74.00 B
PAYMASTER 54B	73.00 B
ACALA 1517D	72.00 BC
REX SMOOTHLEAF	68.00 CD
DIXIE KING II	66.00 DE
EMPIRE WR-61	63.00 E

1968 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	T0	T1	E1	A	D	RD	B
COKER 201	4.23	1.15	0.95	37.2	19.3	7.1	433	31	76	8.5
STONEVILLE 213	4.73	1.12	0.94	36.3	18.8	8.1	420	28	75	8.9
DIXIE KING II	4.39	1.10	0.92	37.5	18.4	6.8	435	31	75	8.4
AUBURN M	3.93	1.11	0.93	35.3	18.7	8.1	462	43	76	8.5
STONEVILLE 7A	4.65	1.17	0.97	39.1	19.5	6.6	418	29	76	8.5
DELTAPINE 45A	4.65	1.12	0.96	36.1	19.6	8.7	420	26	75	8.6
MC NAIR 1032	4.35	1.09	0.93	38.4	20.5	7.6	421	26	76	8.7
COKER 413-68	4.00	1.19	0.99	39.3	20.5	6.7	461	40	76	8.5
EMPIRE WR-61	3.87	1.14	0.95	37.9	18.5	6.8	465	40	77	8.3
REX SMOOTHLEAF	4.11	1.13	0.93	35.9	18.1	7.5	456	35	78	8.7
DELTAPINE S.L.	4.50	1.13	0.96	35.7	19.6	9.5	432	26	76	8.4
ACALA 1517D	4.13	1.23	1.06	41.2	23.5	7.4	451	27	76	8.4
PAYMASTER 548	4.12	0.99	0.84	33.1	17.6	9.4	448	31	75	8.4

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	T0	T1	E1	A	D	RD	B
FLORENCE, S.C.	4.41	1.13	0.96	35.8	19.3	7.6	439	30	80	8.6
JACKSON, TENN.	3.89	1.10	0.91	37.7	19.5	7.6	471	37	74	8.9
EXPERIMENT, GA	4.47	1.12	0.96	38.5	19.8	7.0	431	31	77	9.0
AUBURN, ALA.	0.00	1.13	0.95	37.5	20.2	7.8	440	34	74	8.2
SAND MT., ALA.	0.00	1.17	1.00	35.5	18.9	8.8	431	33	75	8.3
ROCKY MT., N.C	0.00	0.00	0.00	00.0	00.0	0.0	000	00	00	.0
TIFTON, GA.	4.36	1.10	0.92	37.9	18.9	7.5	428	27	75	8.0

LINT PCT.		
DELTAPINE S.L.	38.60	A
STONEVILLE 7A	38.50	A
STONEVILLE 213	38.30	A
COKER 201	38.20	A
DELTAPINE 45A	37.90	AB
DIXIE KING II	37.60	ABC
MC NAIR 1032	36.50	BCD
PAYMASTER 548	36.40	CD
EMPIRE WR-61	36.20	CD
AUBURN M	36.10	D
REX SMOOTHLEAF	36.10	D
COKER 413-68	35.90	D
ACALA 1517D	34.10	E

SEED INDEX		
EMPIRE WR-61	13.10	A
ACALA 1517D	12.80	AB
REX SMOOTHLEAF	12.70	AB
AUBURN M	12.20	B
DIXIE KING II	11.40	C
PAYMASTER 548	11.30	CD
COKER 413-68	11.10	CDE
COKER 201	11.10	CDE
DELTAPINE 45A	11.00	CDE
MC NAIR 1032	10.60	DE
STONEVILLE 7A	10.50	E
STONEVILLE 213	10.50	E
DELTAPINE S.L.	9.60	F

1968 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.		
ACALA 1517D	.54	A
STONEVILLE 7A	.50	B
COKER 413-68	.49	BC
MC NAIR 1032	.49	BC
DELTAPINE 45A	.49	BC
COKER 201	.48	BCD
AUBURN M	.48	BCD
DELTAPINE S.L.	.48	BCD
EMPIRE WR-61	.47	CDE
STONEVILLE 213	.47	CDE
REX SMOOTHLEAF	.47	CDE
DIXIE KING II	.46	DE
PAYMASTER 54B	.45	E

SPAN LENGTH, 2.5 PCT.		
ACALA 1517D	1.16	A
STONEVILLE 7A	1.12	B
COKER 413-68	1.12	B
COKER 201	1.09	BC
AUBURN M	1.08	C
EMPIRE WR-61	1.08	C
DELTAPINE S.L.	1.07	C
DELTAPINE 45A	1.07	C
REX SMOOTHLEAF	1.07	C
STONEVILLE 213	1.07	C
MC NAIR 1032	1.05	C
DIXIE KING II	1.05	C
PAYMASTER 54B	.97	D

22'S		
ACALA 1517D	152.00	A
COKER 413-68	132.00	B
MC NAIR 1032	128.00	BC
DELTAPINE S.L.	125.00	BCD
DELTAPINE 45A	123.00	CD
STONEVILLE 7A	122.00	CDE
COKER 201	121.00	CDEF
EMPIRE WR-61	119.00	DEF
AUBURN M	119.00	DEF
STONEVILLE 213	118.00	DEF
REX SMOOTHLEAF	115.00	EFG
DIXIE KING II	114.00	FG
PAYMASTER 54B	109.00	G

MICRONAIRE		
STONEVILLE 213	4.73	A
STONEVILLE 7A	4.65	AB
DELTAPINE 45A	4.65	AB
DELTAPINE S.L.	4.50	ABC
DIXIE KING II	4.39	ABCD
MC NAIR 1032	4.35	ABCDE
COKER 201	4.23	BCDE
ACALA 1517D	4.13	CDE
PAYMASTER 54B	4.12	CDE
REX SMOOTHLEAF	4.11	CDE
COKER 413-68	4.00	CDE
AUBURN M	3.93	DE
EMPIRE WR-61	3.87	E

DRAWING SLIVER, UHM		
ACALA 1517D	1.23	A
COKER 413-68	1.19	B
STONEVILLE 7A	1.17	BC
COKER 201	1.15	CD
EMPIRE WR-61	1.14	CDE
DELTAPINE S.L.	1.13	DEF
REX SMOOTHLEAF	1.13	DEF
DELTAPINE 45A	1.12	DEFG
STONEVILLE 213	1.12	DEFG
AUBURN M	1.11	EFG
DIXIE KING II	1.10	FG
MC NAIR 1032	1.09	G
PAYMASTER 54B	.99	H

DRAWING SLIVER, MEAN		
ACALA 1517D	1.06	A
COKER 413-68	.99	B
STONEVILLE 7A	.97	BC
DELTAPINE 45A	.96	BCD
DELTAPINE S.L.	.96	BCD
EMPIRE WR-61	.95	BCD
COKER 201	.95	BCD
STONEVILLE 213	.94	CD
REX SMOOTHLEAF	.93	CD
AUBURN M	.93	CD
MC NAIR 1032	.93	CD
DIXIE KING II	.92	D
PAYMASTER 54B	.84	E

UNIFORMITY RATIO		
ACALA 1517D	87.00	A
DELTAPINE 45A	86.00	AB
MC NAIR 1032	85.00	ABC
DELTAPINE S.L.	85.00	ABC
PAYMASTER 54B	85.00	ABC
EMPIRE WR-61	84.00	BC
STONEVILLE 213	84.00	BC
COKER 413-68	83.00	C
AUBURN M	83.00	C
REX SMOOTHLEAF	83.00	C
DIXIE KING II	83.00	C
STONEVILLE 7A	83.00	C
COKER 201	83.00	C

STELOMETER - TO		
ACALA 1517D	41.20	A
COKER 413-68	39.30	B
STONEVILLE 7A	39.10	BC
MC NAIR 1032	38.40	BCD
EMPIRE WR-61	37.90	BCDE
DIXIE KING II	37.50	CDEF
COKER 201	37.20	DEFG
STONEVILLE 213	36.30	EFGH
DELTAPINE 45A	36.10	FGH
REX SMOOTHLEAF	35.90	FGH
DELTAPINE S.L.	35.70	GH
AUBURN M	35.30	H
PAYMASTER 54B	33.10	I

968 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - T1

ACALA 1517D	23.50	A
COKER 413-68	20.50	B
MC NAIR 1032	20.50	B
DELTAPINE 45A	19.60	BC
DELTAPINE S.L.	19.60	BC
STONEVILLE 7A	19.50	BC
COKER 201	19.30	C
STONEVILLE 213	18.80	CD
AUBURN M	18.70	CDE
EMPIRE WR-61	18.50	CDE
DIXIE KING II	18.40	CDE
REX SMOOTHLEAF	18.10	DE
PAYMASTER 548	17.60	E

STELOMETER - E1

DELTAPINE S.L.	9.50	A
PAYMASTER 548	9.40	A
DELTAPINE 45A	8.70	B
STONEVILLE 213	8.10	C
AUBURN M	8.10	C
MC NAIR 1032	7.60	CD
REX SMOOTHLEAF	7.50	CD
ACALA 1517D	7.40	DE
COKER 201	7.10	DEF
EMPIRE WR-61	6.80	EF
DIXIE KING II	6.80	EF
COKER 413-68	6.70	F
STONEVILLE 7A	6.60	F

AREALOMETER - A

EMPIRE WR-61	465.00	A
AUBURN M	462.00	A
COKER 413-68	461.00	AB
REX SMOOTHLEAF	456.00	ABC
ACALA 1517D	451.00	ABC
PAYMASTER 548	448.00	ABC
DIXIE KING II	435.00	BCD
COKER 201	433.00	CD
DELTAPINE S.L.	432.00	CD
MC NAIR 1032	421.00	D
DELTAPINE 45A	420.00	D
STONEVILLE 213	420.00	D
STONEVILLE 7A	418.00	D

AREALOMETER -D

AUBURN M	43.00	A
COKER 413-68	40.00	AB
EMPIRE WR-61	40.00	AB
REX SMOOTHLEAF	35.00	ABC
COKER 201	31.00	BC
PAYMASTER 548	31.00	BC
DIXIE KING II	31.00	BC
STONEVILLE 7A	29.00	C
STONEVILLE 213	28.00	C
ACALA 1517D	27.00	C
DELTAPINE S.L.	26.00	C
DELTAPINE 45A	26.00	C
MC NAIR 1032	26.00	C

COLORIMETER -RD

REX SMOOTHLEAF	78.00	A
EMPIRE WR-61	77.00	AB
ACALA 1517D	76.00	BC
COKER 201	76.00	BC
STONEVILLE 7A	76.00	BC
DELTAPINE S.L.	76.00	BC
MC NAIR 1032	76.00	BC
AUBURN M	76.00	BC
COKER 413-68	76.00	BC
DELTAPINE 45A	75.00	C
STONEVILLE 213	75.00	C
DIXIE KING II	75.00	C
PAYMASTER 548	75.00	C

COLORIMETER -B

STONEVILLE 213	8.90	A
REX SMOOTHLEAF	8.70	A
MC NAIR 1032	8.70	A
DELTAPINE 45A	8.60	A
AUBURN M	8.50	A
COKER 413-68	8.50	A
COKER 201	8.50	A
STONEVILLE 7A	8.50	A
DELTAPINE S.L.	8.40	A
DIXIE KING II	8.40	A
PAYMASTER 548	8.40	A
ACALA 1517D	8.40	A
EMPIRE WR-61	8.30	A

1968 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	

JACKSON, TENN.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
COKER 201	987 A	6.44	70	37.6	9.9	.45	1.07	120
EMPIRE WR-61	781 B	7.12	64	35.8	11.2	.46	1.10	120
STONEVILLE 7A	772 B	5.26	86	38.3	9.5	.47	1.09	119
COKER 413-68	770 B	5.75	79	35.9	10.4	.48	1.12	130
STONEVILLE 213	769 B	5.17	88	38.2	9.3	.44	1.06	121
DIXIE KING II	759 B	6.77	67	37.2	10.2	.45	1.03	111
DELTAPINE 45A	756 B	5.72	80	37.8	10.0	.45	1.05	125
AUBURN M	756 B	6.12	74	35.4	10.7	.45	1.05	123
MC NAIR 1032	736 BC	5.52	82	35.3	9.7	.48	1.05	132
PAYMASTER 54B	727 BC	6.42	71	37.1	10.5	.45	0.95	111
REX SMOOTHLEAF	702 BC	6.76	68	36.1	11.4	.44	1.06	116
DELTAPINE S.L.	687 BC	5.59	81	37.3	9.2	.46	1.08	130
ACALA 1517D	617 C	6.01	76	35.1	11.1	.54	1.15	158

SAND MT., ALA.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
AUBURN M	756 A	6.37	72	38.7	13.0	.50	1.09	111
DIXIE KING II	743 A	7.60	60	39.6	12.5	.46	1.06	111
STONEVILLE 213	700 A	5.51	83	38.5	12.1	.49	1.10	119
STONEVILLE 7A	693 A	6.04	76	38.1	12.2	.53	1.17	122
MC NAIR 1032	665 A	5.76	79	39.8	10.7	.51	1.08	127
COKER 201	633 A	6.27	72	40.3	12.3	.48	1.11	113
COKER 413-68	568 A	5.57	82	37.6	12.4	.52	1.18	130
ACALA 1517D	531 A	6.92	66	34.8	14.4	.59	1.22	135
DELTAPINE 45A	474 A	5.81	79	37.8	13.8	.54	1.15	116
PAYMASTER 54B	464 A	6.02	76	37.8	12.5	.45	0.96	98

AUBURN, ALA.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
COKER 201	755 A	5.57	82	40.5	10.9	.47	1.09	123
DIXIE KING II	751 A	6.49	70	39.1	10.9	.45	1.05	110
MC NAIR 1032	711 AB	4.69	97	37.7	9.8	.47	1.05	127
STONEVILLE 7A	692 ABC	5.16	88	40.9	10.3	.48	1.13	116
STONEVILLE 213	676 ABC	5.33	85	40.8	10.3	.45	1.09	115
DELTAPINE 45A	639 BC	5.52	82	39.3	10.6	.48	1.07	120
REX SMOOTHLEAF	638 BC	6.41	71	37.8	11.7	.46	1.09	109
ACALA 1517D	630 BC	6.07	75	35.7	12.7	.52	1.16	152
AUBURN M	616 BC	5.71	79	38.4	11.5	.45	1.07	109
COKER 413-68	596 C	5.11	89	37.3	10.4	.46	1.11	133
PAYMASTER 54B	595 C	6.17	74	39.3	10.7	.43	0.98	105

EXPERIMENT, GA.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
COKER 201	887 A	6.30	72	40.3	10.6	.49	1.06	124
STONEVILLE 213	822 AB	5.57	82	39.1	10.4	.51	1.09	127
DIXIE KING II	796 BC	7.13	64	39.0	10.8	.48	1.05	117
DELTAPINE 45A	795 BC	5.59	81	39.6	10.6	.49	1.03	129
AUBURN M	727 CD	6.19	74	36.7	11.5	.50	1.07	125
MC NAIR 1032	716 D	5.71	80	37.9	10.5	.52	1.05	137
EMPIRE WR-61	709 D	7.16	64	38.9	12.1	.46	1.04	119
COKER 413-68	708 D	5.93	77	37.9	10.6	.51	1.09	138
STONEVILLE 7A	704 DE	5.36	85	38.8	10.5	.53	1.11	130
ACALA 1517D	700 DE	6.82	67	36.1	12.5	.54	1.14	164
REX SMOOTHLEAF	665 DEF	6.64	69	38.9	11.5	.46	1.04	118
PAYMASTER 54B	625 EF	6.79	67	37.5	11.2	.46	0.96	118
DELTAPINE S.L.	594 F	5.65	81	39.1	9.7	.51	1.07	133

1968 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
JACKSON, TENN.										
COKER 201	3.87	1.10	0.88	38.0	19.4	6.8	469	43	76	9.2
EMPIRE WR-61	3.35	1.11	0.90	39.3	17.9	6.5	508	49	76	8.5
STONEVILLE 7A	4.03	1.11	0.86	37.9	18.0	6.8	459	39	73	9.5
COKER 413-68	3.80	1.16	0.93	39.5	20.5	6.8	489	35	75	8.7
STONEVILLE 213	4.14	1.10	0.91	37.7	19.2	7.9	442	31	73	9.5
DIXIE KING II	4.29	1.06	0.86	38.3	17.7	6.7	483	36	75	8.7
DELTAPINE 45A	4.55	1.11	0.93	36.8	19.4	8.6	429	32	74	9.2
AUBURN M	3.60	1.10	0.90	36.2	18.5	7.7	500	48	73	8.7
MC NAIR 1032	3.84	1.08	0.89	39.5	21.8	7.1	453	29	75	9.0
PAYMASTER 548	3.82	0.96	0.81	34.1	18.5	9.2	454	33	75	8.5
REX SMOOTHLEAF	3.55	1.09	0.87	34.3	17.4	7.2	506	41	75	8.7
DELTAPINE S.L.	3.89	1.14	0.96	35.6	20.5	9.5	470	37	76	8.7
ACALA 1517D	3.77	1.19	1.03	42.6	24.2	7.0	469	27	75	9.0
SAND MT., ALA.										
AUBURN M	0.00	1.15	0.95	34.4	17.8	9.4	438	40	75	8.0
DIXIE KING II	0.00	1.15	0.98	35.1	18.4	7.7	421	39	75	8.7
STONEVILLE 213	0.00	1.16	0.99	34.6	18.6	9.2	422	33	75	8.5
STONEVILLE 7A	0.00	1.23	1.04	38.8	19.2	7.6	417	36	78	8.2
MC NAIR 1032	0.00	1.12	0.97	36.5	19.9	9.5	424	31	75	8.5
COKER 201	0.00	1.19	0.98	36.2	18.5	8.0	407	21	76	8.0
COKER 413-68	0.00	1.26	1.05	37.4	20.3	7.2	441	40	76	8.5
ACALA 1517D	0.00	1.28	1.12	37.4	21.3	8.7	451	29	74	8.0
DELTAPINE 45A	0.00	1.15	1.03	35.1	19.1	8.7	413	15	76	8.7
PAYMASTER 548	0.00	1.01	0.84	31.6	17.0	11.4	447	39	73	8.2
AUBURN, ALA.										
COKER 201	0.00	1.15	0.95	38.5	20.2	7.4	437	33	75	8.7
DIXIE KING II	0.00	1.10	0.88	37.8	19.3	6.6	426	34	71	7.7
MC NAIR 1032	0.00	1.08	0.92	38.2	21.0	7.8	435	37	74	8.2
STONEVILLE 7A	0.00	1.18	0.99	38.1	20.0	6.4	410	30	73	8.0
STONEVILLE 213	0.00	1.14	0.92	35.7	19.1	7.8	407	30	74	8.2
DELTAPINE 45A	0.00	1.13	0.96	36.0	20.6	9.4	420	31	74	8.0
REX SMOOTHLEAF	0.00	1.14	0.94	37.1	18.9	7.6	453	38	75	8.5
ACALA 1517D	0.00	1.24	1.07	41.9	24.6	7.9	468	19	75	8.0
AUBURN M	0.00	1.09	0.90	36.2	19.1	7.9	451	40	75	8.5
COKER 413-68	0.00	1.20	1.01	40.3	21.8	6.7	473	49	73	8.2
PAYMASTER 548	0.00	0.99	0.82	32.9	18.0	9.5	444	25	73	8.7
EXPERIMENT, GA.										
COKER 201	4.50	1.12	0.96	37.7	19.6	6.5	424	31	77	9.2
STONEVILLE 213	4.73	1.14	0.97	37.7	18.5	7.3	404	24	76	9.5
DIXIE KING II	4.44	1.11	0.93	39.2	18.1	6.5	431	36	77	8.0
DELTAPINE 45A	4.70	1.11	0.94	36.9	20.1	8.1	415	36	75	9.0
AUBURN M	4.09	1.09	0.92	35.1	19.4	7.3	449	44	78	9.0
MC NAIR 1032	4.57	1.09	0.93	41.9	21.2	6.5	394	17	76	9.0
EMPIRE WR-61	4.30	1.12	0.95	38.6	18.1	6.1	437	37	77	9.0
COKER 413-68	4.16	1.16	0.99	41.0	20.7	5.9	456	37	77	9.0
STONEVILLE 7A	4.75	1.18	0.98	40.4	20.1	5.6	424	31	77	9.0
ACALA 1517D	4.37	1.23	1.08	44.0	25.3	6.9	447	28	76	9.0
REX SMOOTHLEAF	4.20	1.11	0.93	37.1	17.8	6.7	451	36	82	9.0
PAYMASTER 548	4.56	0.99	0.85	34.8	18.2	8.7	433	27	78	8.7
DELTAPINE S.L.	4.71	1.15	1.00	36.5	19.8	8.7	438	20	75	9.0

1968 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S

TIFTON, GA.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
STONEVILLE 213	516	A	5.29	86	35.7	10.1	.45	1.02	114
DELTAPINE 45A	501	A	5.25	87	38.1	10.1	.45	1.03	122
COKER 201	495	AB	5.75	79	35.4	10.8	.46	1.10	123
DELTAPINE S.L.	491	AB	5.27	86	39.1	9.2	.44	0.97	117
AUBURN M	485	AB	6.38	71	34.2	12.4	.46	1.05	122
STONEVILLE 7A	481	AB	5.19	88	38.3	10.0	.48	1.07	120
MC NAIR 1032	470	AB	5.22	87	34.2	10.6	.46	1.02	118
DIXIE KING II	452	AB	6.99	65	36.5	11.2	.45	1.04	111
COKER 413-68	427	BC	5.37	85	33.4	10.8	.46	1.09	129
ACALA 1517D	385	C	6.25	73	33.3	12.8	.51	1.13	149
REX SMOOTHLEAF	377	C	6.78	67	34.2	13.1	.46	1.03	119
PAYMASTER 54B	374	C	6.03	76	35.0	11.3	.44	0.99	112
EMPIRE WR-61	372	C	7.36	62	35.4	13.1	.45	1.05	119

FLORENCE, S.C.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
COKER 201	1199	A	5.84	78	38.0	12.2	.50	1.11	127
DIXIE KING II	1120	AB	6.93	66	37.8	12.4	.49	1.07	123
STONEVILLE 213	1079	ABC	5.86	78	39.9	11.3	.48	1.05	115
DELTAPINE 45A	1064	BC	5.44	84	37.7	11.4	.51	1.07	128
STONEVILLE 7A	1032	BCD	5.66	80	38.9	11.3	.49	1.11	128
AUBURN M	974	CDE	6.55	69	35.4	13.6	.52	1.12	128
MC NAIR 1032	970	CDE	5.28	86	37.0	11.7	.49	1.05	127
COKER 413-68	909	DEF	5.70	80	36.3	11.5	.51	1.14	133
DELTAPINE S.L.	867	EF	5.07	90	38.5	10.2	.49	1.10	129
EMPIRE WR-61	855	EFG	7.36	62	35.7	14.4	.49	1.10	130
ACALA 1517D	827	FG	6.79	67	32.3	14.0	.54	1.16	152
PAYMASTER 54B	739	G	6.28	72	34.7	11.8	.45	0.96	110

ROCKY MT., N.C.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
STONEVILLE 213	773	A	5.16	88	35.6	10.2			
AUBURN M	688	B	5.94	77	33.6	12.4			
DELTAPINE 45A	638	BC	5.07	90	34.8	10.3			
COKER 201	622	BCD	5.68	80	35.4	10.9			
STONEVILLE 7A	616	CD	4.84	94	35.9	9.5			
DELTAPINE S.L.	587	CD	4.79	95	35.2	9.1			
REX SMOOTHLEAF	575	CD	6.10	75	32.4	13.5			
DIXIE KING II	568	CD	6.18	74	33.9	11.5			
EMPIRE WR-61	553	DE	6.79	67	32.1	13.7			
COKER 413-68	548	DE	5.11	89	32.7	11.3			
MC NAIR 1032	492	EF	4.80	95	33.7	10.8			
ACALA 1517D	484	EF	5.73	79	31.1	12.3			
PAYMASTER 54B	460	F	5.94	77	33.5	11.1			

1968 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
TIFTON, GA.										
STONEVILLE 213	5.03	1.09	0.91	37.5	18.5	8.2	398	25	74	8.2
DELTAPINE 45A	4.68	1.06	0.89	37.3	18.8	8.2	407	20	74	8.0
COKER 201	3.96	1.15	0.94	37.1	18.8	7.2	446	35	75	7.7
DELTAPINE S.L.	5.01	1.03	0.85	37.0	19.1	9.4	387	17	77	8.2
AUBURN M	3.91	1.11	0.92	35.6	18.2	7.9	466	40	75	8.5
STONEVILLE 7A	4.86	1.13	0.95	40.0	19.4	6.5	390	18	74	7.5
MC NAIR 1032	4.59	1.07	0.91	37.3	19.4	7.5	413	17	75	8.0
DIXIE KING II	4.37	1.07	0.89	38.7	17.9	6.6	415	21	75	8.2
COKER 413-68	4.07	1.16	0.96	39.2	19.3	6.5	455	38	75	7.7
ACALA 1517D	4.09	1.17	1.00	42.3	22.4	7.1	442	30	75	7.7
REX SMOOTHLEAF	4.46	1.11	0.93	37.9	18.8	7.3	423	28	76	8.5
PAYMASTER 548	3.70	1.02	0.85	33.7	17.1	8.8	472	37	74	7.5
EMPIRE WR-61	3.90	1.12	0.93	38.4	18.2	6.5	453	31	75	8.0
FLORENCE, S.C.										
COKER 201	4.57	1.18	0.98	35.5	19.2	6.5	415	21	80	8.2
DIXIE KING II	4.44	1.11	0.93	36.1	19.0	6.9	433	21	79	8.7
STONEVILLE 213	5.03	1.11	0.95	34.5	18.9	8.4	449	27	79	9.2
DELTAPINE 45A	4.66	1.12	0.98	34.5	19.4	8.8	437	24	80	8.5
STONEVILLE 7A	4.95	1.16	0.98	39.0	20.0	6.8	413	24	80	8.5
AUBURN M	4.10	1.14	0.97	34.5	18.9	8.3	469	45	80	8.2
MC NAIR 1032	4.39	1.08	0.92	36.7	19.6	7.4	407	28	79	9.2
COKER 413-68	3.96	1.19	0.99	38.6	20.2	6.6	453	41	79	8.5
DELTAPINE S.L.	4.38	1.13	0.97	34.9	18.6	9.2	444	30	80	8.0
EMPIRE WR-61	3.91	1.15	0.98	36.1	19.5	6.9	467	39	81	8.2
ACALA 1517D	4.26	1.24	1.07	38.9	22.9	6.4	428	28	79	8.5
PAYMASTER 548	4.38	0.98	0.84	31.6	16.6	8.7	440	28	81	8.5

1968 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
DELTAPINE 16	1164	A	6.35	72	38.3	10.8	.51	1.14	127
STONEVILLE 213	1126	AB	5.87	77	37.9	11.1	.48	1.09	121
DELTAPINE 45A	1123	AB	6.14	74	38.1	11.4	.49	1.09	125
STONEVILLE 7A	1107	ABC	5.70	80	37.4	10.9	.48	1.11	124
DELTAPINE S.L.	1056	ABCD	5.92	77	38.5	10.3	.50	1.12	126
COKER 201	1046	ABCD	6.43	71	38.3	11.4	.49	1.12	122
HANCOCK	1033	BCD	6.71	68	37.9	11.4	.47	1.07	118
MO-DEL	1006	BCD	7.04	65	35.9	13.8	.51	1.12	130
STONEVILLE 508	989	CDE	6.37	71	36.2	11.8	.51	1.17	132
COKER 413-68	935	DEF	6.08	75	36.3	11.5	.51	1.18	136
ACALA 1517D	875	EF	7.17	63	34.9	13.1	.54	1.17	154
PAYMASTER 548	842	F	7.09	64	35.9	11.6	.45	0.98	109

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
ST JOSEPH, LA.	1469	A	6.50	70	39.8	11.9	.52	1.13	127
PORT'VILLE, MO	1063	B	6.76	68	36.1	12.3	.49	1.12	123
ST'VILLE, MISS	1014	B	6.30	73	38.2	10.9	.47	1.07	122
CL'DALE, ARK.	866	C	6.24	74	35.1	11.7	.50	1.13	129
FT PILL., TENN	713	D	6.24	73	36.5	11.1	.50	1.13	134

BOLL SIZE, GRAM PER BOLL		
ACALA 1517D	7.17	A
PAYMASTER 548	7.09	A
MO-DEL	7.04	A
HANCOCK	6.71	AB
COKER 201	6.43	BC
STONEVILLE 508	6.37	BCD
DELTAPINE 16	6.35	BCD
DELTAPINE 45A	6.14	CDE
COKER 413-68	6.08	CDE
DELTAPINE S.L.	5.92	CDE
STONEVILLE 213	5.87	DE
STONEVILLE 7A	5.70	E

BOLL SIZE, NO. PER LB.		
STONEVILLE 7A	80.00	A
STONEVILLE 213	77.00	AB
DELTAPINE S.L.	77.00	AB
COKER 413-68	75.00	ABC
DELTAPINE 45A	74.00	BC
DELTAPINE 16	72.00	BCD
STONEVILLE 508	71.00	CD
COKER 201	71.00	CD
HANCOCK	68.00	DE
MO-DEL	65.00	E
PAYMASTER 548	64.00	E
ACALA 1517D	63.00	E

1968 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
DELTAPINE 16	4.40	1.22	1.03	35.8	19.9	9.3	427	23	77	7.7
STONEVILLE 213	4.62	1.16	0.99	36.2	19.0	7.8	413	19	75	7.9
DELTAPINE 45A	4.54	1.17	1.01	36.6	19.8	8.2	419	23	75	7.7
STONEVILLE 7A	4.39	1.19	0.99	40.0	19.4	6.3	432	22	76	7.5
DELTAPINE S.L.	4.52	1.19	1.01	37.0	19.8	9.1	417	17	76	7.5
COKER 201	4.37	1.19	1.01	37.5	19.2	6.9	429	26	74	7.8
HANCOCK	4.15	1.11	0.94	38.6	18.8	6.8	445	24	73	7.8
MO-DEL	4.40	1.19	1.02	39.1	20.9	9.0	426	23	73	8.3
STONEVILLE 508	3.85	1.22	1.03	36.8	19.9	8.0	476	31	76	7.5
COKER 413-68	4.01	1.24	1.04	40.1	20.5	6.7	454	28	75	7.7
ACALA 1517D	4.30	1.25	1.09	41.9	23.5	7.0	435	17	75	7.8
PAYMASTER 54B	4.43	1.03	0.88	33.8	17.8	8.7	430	21	75	7.3

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
ST JOSEPH, LA.	4.48	1.20	1.04	36.1	18.8	7.8	420	19	77	8.2
PORT'VILLE, MO	4.32	1.20	1.02	38.0	20.0	8.0	433	21	72	7.9
ST'VILLE, MISS	4.53	1.14	0.96	37.8	19.7	7.6	417	19	74	7.6
CL'DALE, ARK.	4.19	1.17	1.00	38.8	20.0	7.8	449	27	76	7.5
FT PILL., TENN	4.14	1.19	1.00	38.1	20.7	7.9	448	27	76	7.4

LINT PCT.		
DELTAPINE S.L.	38.50	A
COKER 201	38.30	A
DELTAPINE 16	38.30	A
DELTAPINE 45A	38.10	A
HANCOCK	37.90	A
STONEVILLE 213	37.90	A
STONEVILLE 7A	37.40	A
COKER 413-68	36.30	B
STONEVILLE 508	36.20	B
MO-DEL	35.90	BC
PAYMASTER 54B	35.90	BC
ACALA 1517D	34.90	C

SEED INDEX		
MO-DEL	13.80	A
ACALA 1517D	13.10	B
STONEVILLE 508	11.80	C
PAYMASTER 54B	11.60	CD
COKER 413-68	11.50	CDE
DELTAPINE 45A	11.40	CDE
HANCOCK	11.40	CDE
COKER 201	11.40	CDE
STONEVILLE 213	11.10	CDE
STONEVILLE 7A	10.90	DEF
DELTAPINE 16	10.80	EF
DELTAPINE S.L.	10.30	F

1968 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.		
ACALA 1517D	.54	A
DELTAPINE 16	.51	AB
STONEVILLE 508	.51	AB
MO-DEL	.51	AB
COKER 413-68	.51	AB
DELTAPINE S.L.	.50	BC
DELTAPINE 45A	.49	BC
COKER 201	.49	BC
STONEVILLE 7A	.48	BCD
STONEVILLE 213	.48	BCD
HANCOCK	.47	CD
PAYMASTER 54B	.45	D

SPAN LENGTH, 2.5 PCT.		
COKER 413-68	1.18	A
STONEVILLE 508	1.17	AB
ACALA 1517D	1.17	AB
DELTAPINE 16	1.14	ABC
COKER 201	1.12	BCD
MO-DEL	1.12	BCD
DELTAPINE S.L.	1.12	BCD
STONEVILLE 7A	1.11	CD
DELTAPINE 45A	1.09	CD
STONEVILLE 213	1.09	CD
HANCOCK	1.07	D
PAYMASTER 54B	.98	E

22'S		
ACALA 1517D	154.00	A
COKER 413-68	136.00	B
STONEVILLE 508	132.00	BC
MO-DEL	130.00	CD
DELTAPINE 16	127.00	CDE
DELTAPINE S.L.	126.00	DEF
DELTAPINE 45A	125.00	DEF
STONEVILLE 7A	124.00	EF
COKER 201	122.00	EFG
STONEVILLE 213	121.00	FG
HANCOCK	118.00	G
PAYMASTER 54B	109.00	H

MICRONAIRE		
STONEVILLE 213	4.62	A
DELTAPINE 45A	4.54	A
DELTAPINE S.L.	4.52	A
PAYMASTER 54B	4.43	AB
DELTAPINE 16	4.40	AB
MO-DEL	4.40	AB
STONEVILLE 7A	4.39	AB
COKER 201	4.37	AB
ACALA 1517D	4.30	ABC
HANCOCK	4.15	BC
COKER 413-68	4.01	CD
STONEVILLE 508	3.85	D

DRAWING SLIVER, UHM		
ACALA 1517D	1.25	A
COKER 413-68	1.24	A
STONEVILLE 508	1.22	AB
DELTAPINE 16	1.22	AB
MO-DEL	1.19	BC
STONEVILLE 7A	1.19	BC
DELTAPINE S.L.	1.19	BC
COKER 201	1.19	BC
DELTAPINE 45A	1.17	C
STONEVILLE 213	1.16	C
HANCOCK	1.11	D
PAYMASTER 54B	1.03	E

DRAWING SLIVER, MEAN		
ACALA 1517D	1.09	A
COKER 413-68	1.04	B
DELTAPINE 16	1.03	B
STONEVILLE 508	1.03	B
MO-DEL	1.02	B
DELTAPINE 45A	1.01	B
DELTAPINE S.L.	1.01	B
COKER 201	1.01	B
STONEVILLE 7A	.99	B
STONEVILLE 213	.99	B
HANCOCK	.94	C
PAYMASTER 54B	.88	D

UNIFORMITY RATIO		
DELTAPINE 45A	87.00	A
ACALA 1517D	87.00	A
MO-DEL	86.00	AB
PAYMASTER 54B	86.00	AB
STONEVILLE 213	86.00	AB
COKER 413-68	85.00	AB
DELTAPINE S.L.	85.00	AB
COKER 201	85.00	AB
DELTAPINE 16	85.00	AB
HANCOCK	84.00	B
STONEVILLE 7A	84.00	B
STONEVILLE 508	84.00	B

STELOMETER - TO		
ACALA 1517D	41.90	A
COKER 413-68	40.10	AB
STONEVILLE 7A	40.00	AB
MO-DEL	39.10	BC
HANCOCK	38.60	BCD
COKER 201	37.50	CDE
DELTAPINE S.L.	37.00	CDE
STONEVILLE 508	36.80	DE
DELTAPINE 45A	36.60	DE
STONEVILLE 213	36.20	E
DELTAPINE 16	35.80	EF
PAYMASTER 54B	33.80	F

1968 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - T1

ACALA 1517D	23.50	A
MO-DEL	20.90	B
COKER 413-68	20.50	BC
STONEVILLE 508	19.90	CD
DELTAPINE 16	19.90	CD
DELTAPINE S.L.	19.80	CD
DELTAPINE 45A	19.80	CD
STONEVILLE 7A	19.40	DE
COKER 201	19.20	DE
STONEVILLE 213	19.00	DE
HANCOCK	18.80	E
PAYMASTER 54B	17.80	F

STELOMETER - E1

DELTAPINE 16	9.30	A
DELTAPINE S.L.	9.10	A
MO-DEL	9.00	A
PAYMASTER 54B	8.70	AB
DELTAPINE 45A	8.20	BC
STONEVILLE 508	8.00	BC
STONEVILLE 213	7.80	C
ACALA 1517D	7.00	D
COKER 201	6.90	D
HANCOCK	6.80	D
COKER 413-68	6.70	D
STONEVILLE 7A	6.30	D

AREALOMETER - A

STONEVILLE 508	476.00	A
COKER 413-68	454.00	B
HANCOCK	445.00	BC
ACALA 1517D	435.00	BCD
STONEVILLE 7A	432.00	CD
PAYMASTER 54B	430.00	CD
COKER 201	429.00	CD
DELTAPINE 16	427.00	CD
MO-DEL	426.00	CD
DELTAPINE 45A	419.00	D
DELTAPINE S.L.	417.00	D
STONEVILLE 213	413.00	D

AREALOMETER -D

STONEVILLE 508	31.00	A
COKER 413-68	28.00	AB
COKER 201	26.00	AB
HANCOCK	24.00	AB
MO-DEL	23.00	AB
DELTAPINE 45A	23.00	AB
DELTAPINE 16	23.00	AB
STONEVILLE 7A	22.00	AB
PAYMASTER 54B	21.00	AB
STONEVILLE 213	19.00	B
DELTAPINE S.L.	17.00	B
ACALA 1517D	17.00	B

COLORIMETER -RD

DELTAPINE 16	77.00	A
STONEVILLE 508	76.00	AB
STONEVILLE 7A	76.00	AB
DELTAPINE S.L.	76.00	AB
ACALA 1517D	75.00	ABC
PAYMASTER 54B	75.00	ABC
STONEVILLE 213	75.00	ABC
DELTAPINE 45A	75.00	ABC
COKER 413-68	75.00	ABC
COKER 201	74.00	BC
MO-DEL	73.00	C
HANCOCK	73.00	C

COLORIMETER -B

MO-DEL	8.30	A
STONEVILLE 213	7.90	AB
ACALA 1517D	7.80	BC
HANCOCK	7.80	BC
COKER 201	7.80	BC
DELTAPINE 45A	7.70	BC
COKER 413-68	7.70	BC
DELTAPINE 16	7.70	BC
DELTAPINE S.L.	7.50	BC
STONEVILLE 508	7.50	BC
STONEVILLE 7A	7.50	BC
PAYMASTER 54B	7.30	C

1968 DELTA REGIONAL COTTON VARIETY TEST

ST JOSEPH, LA.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
DELTAPINE 45A	1639	A	6.31	72	41.4	11.5	.52	1.10	120
DELTAPINE 16	1638	A	6.39	71	40.7	10.8	.52	1.16	124
STONEVILLE 7A	1636	A	5.93	77	39.9	11.3	.54	1.15	129
DELTAPINE S.L.	1588	AB	5.98	76	41.4	10.3	.52	1.13	127
COKER 201	1571	ABC	6.60	69	41.1	11.6	.52	1.13	124
STONEVILLE 213	1554	ABC	6.22	73	39.9	11.2	.49	1.10	118
STONEVILLE 508	1462	BCD	6.53	70	38.2	12.7	.52	1.21	138
COKER 413-68	1453	CD	6.03	76	39.8	11.7	.53	1.18	139
HANCOCK	1384	DE	6.74	68	40.6	12.1	.50	1.08	122
MO-DEL	1349	DE	7.19	63	38.4	13.9	.52	1.11	129
ACALA 1517D	1274	E	7.12	64	37.4	13.4	.55	1.18	151
PAYMASTER 54B	1082	F	6.87	66	38.7	12.1	.45	0.95	104

STONEVILLE, MISS.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
DELTAPINE 16	1199	A	6.21	74	39.5	10.1	.48	1.12	122
STONEVILLE 213	1153	A	5.88	77	39.7	10.6	.48	1.08	117
DELTAPINE 45A	1131	A	5.86	78	39.4	10.5	.45	1.03	121
STONEVILLE 7A	1130	A	5.48	83	39.5	10.7	.46	1.07	117
DELTAPINE S.L.	1021	B	5.73	79	39.9	9.3	.46	1.07	122
HANCOCK	1009	B	6.86	66	38.6	11.3	.44	1.02	115
MO-DEL	999	B	6.75	67	36.6	12.7	.48	1.07	128
COKER 201	997	B	6.15	74	38.4	10.6	.47	1.08	116
STONEVILLE 508	996	B	6.19	74	37.8	11.2	.48	1.11	124
ACALA 1517D	867	C	7.34	62	35.7	12.4	.49	1.10	151
COKER 413-68	853	C	6.26	73	36.9	10.9	.48	1.13	131
PAYMASTER 54B	814	C	6.84	66	36.7	10.7	.44	0.95	103

CLARKEDALE, ARK.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
DELTAPINE S.L.	984	A	5.77	79	36.2	11.0	.53	1.16	130
DELTAPINE 45A	972	A	5.80	78	36.3	11.5	.48	1.10	127
MO-DEL	925	AB	7.15	64	34.2	14.0	.51	1.13	132
STONEVILLE 7A	912	AB	5.09	89	34.9	11.0	.47	1.14	126
PAYMASTER 54B	897	AB	7.03	65	33.8	11.5	.45	0.96	115
STONEVILLE 508	879	AB	6.25	73	34.4	11.0	.50	1.17	133
DELTAPINE 16	872	AB	6.54	70	35.9	11.0	.52	1.16	129
STONEVILLE 213	869	AB	5.67	80	36.2	12.0	.50	1.13	123
HANCOCK	838	AB	6.29	72	34.6	11.5	.47	1.06	114
ACALA 1517D	774	AB	7.25	63	33.5	12.5	.59	1.19	156
COKER 413-68	754	AB	5.73	79	34.2	11.5	.52	1.18	137
COKER 201	718	B	6.31	72	36.5	11.5	.48	1.11	124

1968 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	8
ST JOSEPH, LA.										
DELTAPINE 45A	4.86	1.17	1.02	35.3	18.4	8.0	398	17	77	8.0
DELTAPINE 16	4.50	1.24	1.06	33.8	18.8	9.1	409	14	79	8.0
STONEVILLE 7A	4.58	1.23	1.03	39.0	18.5	6.7	412	19	79	8.0
DELTAPINE S.L.	4.62	1.21	1.04	34.7	19.1	9.9	404	13	78	8.0
COKER 201	4.66	1.24	1.08	35.9	18.3	7.2	409	20	77	8.7
STONEVILLE 213	4.77	1.14	1.00	35.7	18.2	7.3	401	18	78	8.2
STONEVILLE 508	3.99	1.26	1.09	36.2	19.3	7.5	477	35	77	8.0
COKER 413-68	4.25	1.26	1.09	37.6	19.5	7.2	426	24	76	8.5
HANCOCK	4.33	1.13	0.97	37.9	18.3	6.5	435	24	77	8.2
MO-DEL	4.49	1.19	1.04	36.5	19.7	8.6	421	21	74	8.7
ACALA 1517D	4.24	1.30	1.17	39.3	21.9	7.2	434	10	78	8.0
PAYMASTER 54B	4.45	1.02	0.90	31.5	15.8	8.6	425	16	78	8.0
STONEVILLE, MISS.										
DELTAPINE 16	4.66	1.16	0.96	35.5	19.5	9.1	407	22	77	7.7
STONEVILLE 213	4.86	1.14	0.96	35.4	18.7	8.0	395	22	74	8.0
DELTAPINE 45A	4.76	1.12	0.95	37.1	19.6	7.5	399	17	74	7.5
STONEVILLE 7A	4.94	1.15	0.96	40.7	20.0	5.7	395	15	76	7.2
DELTAPINE S.L.	4.71	1.14	0.93	37.0	19.1	8.7	401	12	77	7.5
HANCOCK	4.35	1.08	0.90	37.4	18.6	6.9	428	12	71	7.5
MO-DEL	4.44	1.14	0.97	38.4	21.4	8.4	431	26	73	8.5
COKER 201	4.42	1.14	0.96	38.6	18.9	7.0	420	19	71	7.5
STONEVILLE 508	4.19	1.16	0.96	37.0	20.1	7.4	440	22	76	7.7
ACALA 1517D	4.51	1.20	1.05	43.1	23.8	6.5	420	15	75	7.7
COKER 413-68	4.10	1.18	1.00	39.8	19.3	6.8	446	24	74	7.7
PAYMASTER 548	4.37	1.02	0.84	33.5	17.3	8.9	429	26	73	6.7
CLARKEDALE, ARK.										
DELTAPINE S.L.	4.50	1.19	1.02	37.6	20.2	8.9	430	19	78	7.0
DELTAPINE 45A	4.29	1.16	1.00	36.8	20.0	8.7	437	30	76	7.7
MO-DEL	4.44	1.18	1.02	43.3	21.1	8.9	427	24	75	8.2
STONEVILLE 7A	3.87	1.17	0.98	41.0	18.9	6.2	475	27	77	7.2
PAYMASTER 548	4.55	1.02	0.90	34.4	17.9	8.9	429	22	75	7.5
STONEVILLE 508	3.64	1.21	1.01	35.8	19.8	8.3	495	37	78	7.0
DELTAPINE 16	4.15	1.22	1.03	37.5	20.4	9.0	450	31	78	7.2
STONEVILLE 213	4.49	1.18	1.02	37.1	19.3	8.0	432	27	76	8.0
HANCOCK	4.06	1.07	0.90	39.2	18.8	6.6	455	23	76	7.7
ACALA 1517D	4.21	1.24	1.09	42.6	23.3	6.8	446	19	75	7.7
COKER 413-68	3.89	1.21	1.02	41.6	20.8	6.7	473	24	76	7.2
COKER 201	4.20	1.15	0.98	39.0	19.9	6.2	447	39	73	7.5

1968 DELTA REGIONAL COTTON VARIETY TEST

FORT PILLOW, TENN.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
STONEVILLE 213	898	A	5.63	81	37.3	10.2	.46	1.01	126
DELTAPINE 16	870	AB	6.32	72	37.4	10.5	.52	1.14	137
HANCOCK	762	BC	5.93	77	38.3	10.1	.47	1.07	126
DELTAPINE 45A	752	C	5.91	77	36.8	11.0	.51	1.12	135
STONEVILLE 7A	724	CD	5.83	78	36.0	10.6	.46	1.09	126
STONEVILLE 508	719	CD	6.35	72	35.4	11.2	.53	1.21	142
COKER 201	716	CD	6.41	71	37.9	11.1	.50	1.12	128
DELTAPINE S.L.	677	CDE	5.88	77	38.0	9.9	.49	1.13	132
MO-DEL	677	CDE	6.80	67	35.6	13.3	.52	1.14	137
ACALA 1517D	617	DE	6.95	65	34.0	13.1	.57	1.18	164
COKER 413-68	582	E	5.93	77	35.6	11.0	.53	1.23	143
PAYMASTER 54B	564	E	6.87	66	35.5	10.9	.46	1.04	116

PORTAGEVILLE, MO.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
DELTAPINE 16	1243	A	6.30	72	38.0	11.4	.47	1.12	122
COKER 201	1227	AB	6.70	68	37.5	12.2	.49	1.13	117
HANCOCK	1174	ABC	7.70	59	37.2	12.0	.46	1.09	116
STONEVILLE 213	1155	ABC	5.95	76	36.3	11.6	.47	1.14	120
STONEVILLE 7A	1132	BCD	6.15	74	36.6	11.0	.49	1.12	123
DELTAPINE 45A	1123	CD	6.80	67	36.8	12.2	.49	1.08	122
MO-DEL	1078	CDE	7.30	63	34.8	14.8	.49	1.14	125
COKER 413-68	1031	DE	6.45	71	34.8	12.4	.50	1.17	130
DELTAPINE S.L.	1009	E	6.25	73	37.1	11.0	.48	1.10	120
STONEVILLE 508	888	F	6.50	70	34.9	12.8	.49	1.16	127
PAYMASTER 54B	853	F	7.85	58	34.9	12.8	.44	0.96	108
ACALA 1517D	842	F	7.20	64	33.9	14.0	.52	1.18	150

1968 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
FORT PILLOW, TENN.										
STONEVILLE 213	4.40	1.10	0.92	35.4	19.4	7.8	430	16	77	7.2
DELTAPINE 16	4.40	1.23	1.03	36.1	20.5	9.9	438	27	78	7.7
HANCOCK	3.70	1.12	0.95	38.6	19.4	6.7	477	38	76	7.5
DELTAPINE 45A	4.20	1.22	1.05	36.3	21.0	8.7	448	31	76	7.5
STONEVILLE 7A	4.15	1.18	0.99	39.0	19.8	6.6	445	27	75	7.2
STONEVILLE 508	3.68	1.22	1.01	36.5	20.8	8.4	493	40	77	7.5
COKER 201	3.97	1.19	0.98	39.5	19.8	6.9	450	26	75	7.5
DELTAPINE S.L.	4.35	1.20	1.00	37.8	20.9	9.0	426	19	77	7.2
MO-DEL	4.31	1.20	1.03	39.2	21.5	9.1	428	27	75	8.2
ACALA 1517D	4.20	1.26	1.08	42.6	24.5	6.9	437	16	76	7.2
COKER 413-68	3.85	1.26	1.03	40.6	21.2	6.5	469	37	76	7.2
PAYMASTER 548	4.38	1.07	0.90	35.9	19.4	8.4	434	27	76	7.0
PORTAGEVILLE, MO.										
DELTAPINE 16	4.25	1.23	1.05	36.1	20.2	9.3	431	22	75	7.7
COKER 201	4.58	1.20	1.02	34.5	19.1	7.1	419	27	73	8.0
HANCOCK	4.28	1.15	0.96	39.5	18.6	6.9	432	23	67	8.0
STONEVILLE 213	4.55	1.22	1.05	37.3	19.3	7.9	410	13	72	8.0
STONEVILLE 7A	4.40	1.21	1.01	40.0	19.5	6.3	436	23	73	8.0
DELTAPINE 45A	4.55	1.17	1.03	37.3	19.6	8.2	416	20	72	8.0
MO-DEL	4.34	1.23	1.04	38.2	20.8	9.7	423	19	71	8.0
COKER 413-68	3.95	1.25	1.06	41.0	21.3	6.2	456	30	73	8.0
DELTAPINE S.L.	4.42	1.19	1.02	37.7	19.5	9.1	424	21	71	7.7
STONEVILLE 508	3.75	1.24	1.05	38.2	19.6	8.3	473	20	73	7.5
PAYMASTER 548	4.39	1.01	0.87	33.7	18.5	8.7	435	13	72	7.5
ACALA 1517D	4.35	1.25	1.04	41.6	23.8	7.5	440	26	72	8.2

1968 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
STONEVILLE 7A	699 A	5.56	82	38.0	10.9	.49	1.12	119
STONEVILLE 213	696 A	5.58	82	38.3	10.5	.49	1.09	114
DELTAPINE 45A	676 A	5.52	83	38.4	10.7	.48	1.07	121
COKER 201	666 A	5.87	78	38.6	11.3	.48	1.10	121
DELTAPINE S.L.	649 A	5.32	86	38.2	9.8	.48	1.09	116
REX SMOOTHLEAF	583 AB	6.69	69	35.5	13.7	.47	1.08	118
PAYMASTER 548	534 B	6.19	74	37.5	10.9	.45	0.95	104
ACALA 1517D	519 B	6.46	71	34.3	13.3	.55	1.20	155

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
HOPE, ARK.	1241 A	5.70	80	36.4	11.7	.48	1.10	120
COL. STA., TEX	987 B	5.77	79	36.2	11.6	.50	1.10	122
BOSSIER C., LA	583 C	6.36	72	39.3	12.1	.50	1.11	121
N'CES CT., TEX	338 D	5.33	85	37.6	10.3	.00	0.00	00
MCGREGOR, TEX.	310 D	5.97	77	37.2	10.8	.47	1.07	117
ST WATER, OKLA	308 D	6.26	74	37.4	11.8	.49	1.05	125

BOLL SIZE, GRAM PER BOLL		
REX SMOOTHLEAF	6.69	A
ACALA 1517D	6.46	AB
PAYMASTER 548	6.19	BC
COKER 201	5.87	CD
STONEVILLE 213	5.58	DE
STONEVILLE 7A	5.56	DE
DELTAPINE 45A	5.52	DE
DELTAPINE S.L.	5.32	F

BOLL SIZE, NO. PER LB.		
DELTAPINE S.L.	86.00	A
DELTAPINE 45A	83.00	A
STONEVILLE 213	82.00	AB
STONEVILLE 7A	82.00	AB
COKER 201	78.00	BC
PAYMASTER 548	74.00	CD
ACALA 1517D	71.00	DE
REX SMOOTHLEAF	69.00	E

1968 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
STONEVILLE 7A	4.84	1.17	0.99	40.2	19.2	6.6	390	18	73	6.9
STONEVILLE 213	5.14	1.13	0.96	36.9	18.7	7.9	387	17	73	7.5
DELTAPINE 45A	4.79	1.13	0.97	36.8	19.5	8.4	395	14	73	7.3
COKER 201	4.85	1.16	0.98	38.9	19.5	7.0	404	22	74	7.5
DELTAPINE S.L.	4.72	1.13	0.95	36.4	19.0	9.1	399	17	74	7.4
REX SMOOTHLEAF	4.48	1.15	0.96	37.0	18.5	7.5	425	21	73	7.1
PAYMASTER 54B	4.62	0.96	0.82	34.7	17.6	9.0	406	25	73	7.2
ACALA 1517D	4.39	1.24	1.07	42.8	23.3	7.3	435	21	73	7.3

LOCATIONS COMBINING VARIETIES

LOCATION	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
HOPE, ARK.	4.41	1.17	1.00	36.6	18.8	8.2	423	21	79	7.1
COL. STA., TEX	4.76	1.14	0.95	38.8	20.2	7.4	395	13	71	7.5
BOSSIER C., LA	4.71	1.16	1.00	36.1	18.8	8.5	418	25	76	8.0
N'CES CT., TEX	0.00	0.00	0.00	00.0	00.0	0.0	000	00	00	.0
MCGREGOR, TEX.	4.70	1.09	0.90	39.1	18.7	6.9	408	23	69	6.3
ST WATER, OKLA	5.07	1.11	0.96	39.3	20.6	8.3	381	15	72	7.5

LINT PCT.		
COKER 201	38.60	A
DELTAPINE 45A	38.40	A
STONEVILLE 213	38.30	A
DELTAPINE S.L.	38.20	A
STONEVILLE 7A	38.00	A
PAYMASTER 54B	37.50	A
REX SMOOTHLEAF	35.50	B
ACALA 1517D	34.30	C

SEED INDEX		
REX SMOOTHLEAF	13.70	A
ACALA 1517D	13.30	A
COKER 201	11.30	B
PAYMASTER 54B	10.90	B
STONEVILLE 7A	10.90	B
DELTAPINE 45A	10.70	B
STONEVILLE 213	10.50	BC
DELTAPINE S.L.	9.80	C

1968 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.		
ACALA 1517D	.55	A
STONEVILLE 213	.49	B
STONEVILLE 7A	.49	B
COKER 201	.48	BC
DELTAPINE 45A	.48	BC
DELTAPINE S.L.	.48	BC
REX SMOOTHLEAF	.47	BC
PAYMASTER 54B	.45	C

SPAN LENGTH, 2.5 PCT.		
ACALA 1517D	1.20	A
STONEVILLE 7A	1.12	B
COKER 201	1.10	BC
DELTAPINE S.L.	1.09	BC
STONEVILLE 213	1.09	BC
REX SMOOTHLEAF	1.08	BC
DELTAPINE 45A	1.07	C
PAYMASTER 548	.95	D

22'S		
ACALA 1517D	155.00	A
COKER 201	121.00	B
DELTAPINE 45A	121.00	B
STONEVILLE 7A	119.00	B
REX SMOOTHLEAF	118.00	B
DELTAPINE S.L.	116.00	B
STONEVILLE 213	114.00	B
PAYMASTER 54B	104.00	C

MICRONAIRE		
STONEVILLE 213	5.14	A
COKER 201	4.85	AB
STONEVILLE 7A	4.84	AB
DELTAPINE 45A	4.79	AB
DELTAPINE S.L.	4.72	AB
PAYMASTER 54B	4.62	B
REX SMOOTHLEAF	4.48	B
ACALA 1517D	4.39	B

DRAWING SLIVER, UHM		
ACALA 1517D	1.24	A
STONEVILLE 7A	1.17	B
COKER 201	1.16	BC
REX SMOOTHLEAF	1.15	BC
DELTAPINE 45A	1.13	C
DELTAPINE S.L.	1.13	C
STONEVILLE 213	1.13	C
PAYMASTER 548	.96	D

DRAWING SLIVER, MEAN		
ACALA 1517D	1.07	A
STONEVILLE 7A	.99	B
COKER 201	.98	B
DELTAPINE 45A	.97	B
STONEVILLE 213	.96	B
REX SMOOTHLEAF	.96	B
DELTAPINE S.L.	.95	B
PAYMASTER 54B	.82	C

UNIFORMITY RATIO		
ACALA 1517D	87.00	A
DELTAPINE 45A	86.00	AB
PAYMASTER 54B	86.00	AB
STONEVILLE 213	85.00	AB
STONEVILLE 7A	85.00	AB
COKER 201	84.00	B
DELTAPINE S.L.	84.00	B
REX SMOOTHLEAF	84.00	B

STELOMETER - TO		
ACALA 1517D	42.80	A
STONEVILLE 7A	40.20	B
COKER 201	38.90	BC
REX SMOOTHLEAF	37.00	CD
STONEVILLE 213	36.90	CD
DELTAPINE 45A	36.80	CD
DELTAPINE S.L.	36.40	CD
PAYMASTER 548	34.70	D

1968 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - T1

ACALA 1517D	23.30	A
COKER 201	19.50	B
DELTAPINE 45A	19.50	B
STONEVILLE 7A	19.20	B
DELTAPINE S.L.	19.00	B
STONEVILLE 213	18.70	B
REX SMOOTHLEAF	18.50	B
PAYMASTER 54B	17.60	C

STELOMETER - E1

DELTAPINE S.L.	9.10	A
PAYMASTER 54B	9.00	A
DELTAPINE 45A	8.40	B
STONEVILLE 213	7.90	BC
REX SMOOTHLEAF	7.50	CD
ACALA 1517D	7.30	CD
COKER 201	7.00	DE
STONEVILLE 7A	6.60	E

AREALOMETER - A

ACALA 1517D	435.00	A
REX SMOOTHLEAF	425.00	AB
PAYMASTER 54B	406.00	BC
COKER 201	404.00	BC
DELTAPINE S.L.	399.00	C
DELTAPINE 45A	395.00	C
STONEVILLE 7A	390.00	C
STONEVILLE 213	387.00	C

AREALOMETER -D

PAYMASTER 54B	25.00	A
COKER 201	22.00	AB
REX SMOOTHLEAF	21.00	AB
ACALA 1517D	21.00	AB
STONEVILLE 7A	18.00	AB
DELTAPINE S.L.	17.00	AB
STONEVILLE 213	17.00	AB
DELTAPINE 45A	14.00	B

COLORIMETER -RD

COKER 201	74.00	A
DELTAPINE S.L.	74.00	A
PAYMASTER 54B	73.00	A
STONEVILLE 213	73.00	A
REX SMOOTHLEAF	73.00	A
ACALA 1517D	73.00	A
DELTAPINE 45A	73.00	A
STONEVILLE 7A	73.00	A

COLORIMETER -B

STONEVILLE 213	7.50	A
COKER 201	7.50	A
DELTAPINE S.L.	7.40	AB
ACALA 1517D	7.30	AB
DELTAPINE 45A	7.30	AB
PAYMASTER 54B	7.20	AB
REX SMOOTHLEAF	7.10	AB
STONEVILLE 7A	6.90	B

1968 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	22'S
					STILLWATER, OKLA.				
STONEVILLE 213	370	A	5.86	78	38.2	10.9	.47	1.04	119
COKER 201	337	B	6.14	74	39.6	11.0	.51	1.07	125
DELTAPINE S.L.	329	BC	5.77	79	38.0	10.3	.48	1.06	114
STONEVILLE 7A	313	BCD	5.54	82	37.5	11.5	.49	1.08	125
PAYMASTER 54B	308	BCD	6.37	71	38.2	11.3	.45	0.93	106
DELTAPINE 45A	300	CD	5.78	79	37.5	11.4	.48	1.02	125
REX SMOOTHLEAF	296	D	8.09	59	35.7	13.7	.45	1.01	119
ACALA 1517D	210	E	6.53	70	34.7	14.5	.57	1.20	169
					COL. STA., TEX.				
STONEVILLE 7A	1196	A	5.48	83	37.5	10.6	.50	1.12	121
DELTAPINE 45A	1078	AB	5.30	86	37.8	10.6	.47	1.12	119
COKER 201	1077	AB	5.67	80	37.1	11.0	.48	1.11	117
STONEVILLE 213	1043	B	5.62	81	37.8	10.5	.50	1.11	116
DELTAPINE S.L.	983	BC	5.10	89	37.1	10.2	.47	1.06	124
REX SMOOTHLEAF	903	CD	6.42	71	34.2	14.5	.50	1.10	114
ACALA 1517D	827	D	6.18	73	31.8	13.5	.55	1.21	162
PAYMASTER 54B	787	D	6.37	72	36.1	11.7	.47	0.97	104
					HOPE, ARK.				
STONEVILLE 7A	1413	A	5.29	86	36.4	11.5	.47	1.13	121
STONEVILLE 213	1371	A	5.50	83	36.8	11.0	.49	1.12	110
DELTAPINE 45A	1342	AB	5.26	87	37.8	10.5	.49	1.09	120
DELTAPINE S.L.	1291	AB	5.14	88	37.8	9.5	.47	1.13	112
COKER 201	1272	AB	5.68	80	36.5	13.0	.47	1.12	124
ACALA 1517D	1152	B	6.60	69	34.6	13.5	.55	1.19	149
REX SMOOTHLEAF	1151	B	6.11	74	34.3	14.5	.48	1.11	119
PAYMASTER 54B	933	C	5.98	76	36.4	10.5	.43	0.94	104
					BOSSIER C., LA.				
DELTAPINE 45A	758	A	6.18	74	40.8	11.2	.50	1.08	120
STONEVILLE 213	697	AB	6.11	75	40.5	11.3	.49	1.10	117
COKER 201	639	AB	6.13	74	41.2	11.6	.50	1.13	122
DELTAPINE S.L.	637	AB	5.55	82	40.2	10.4	.50	1.11	119
STONEVILLE 7A	603	BC	6.25	73	39.9	11.7	.48	1.14	115
ACALA 1517D	502	CD	7.25	63	35.8	14.3	.57	1.22	148
PAYMASTER 54B	467	DE	6.59	69	38.9	11.9	.46	0.95	110
REX SMOOTHLEAF	358	E	6.78	67	36.8	14.1	.47	1.11	122

1968 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
STILLWATER, OKLA.										
STONEVILLE 213	6.07	1.09	0.92	38.5	20.0	8.3	360	12	74	7.7
COKER 201	5.16	1.14	0.98	40.1	20.8	7.1	378	18	73	7.7
DELTAPINE S.L.	4.69	1.09	0.94	36.2	20.0	10.0	361	11	72	7.5
STONEVILLE 7A	4.99	1.16	0.99	39.7	19.9	7.0	381	19	72	6.7
PAYMASTER 54B	5.02	0.93	0.79	36.0	18.7	9.6	374	21	70	7.2
DELTAPINE 45A	5.27	1.10	0.96	38.5	20.5	8.9	375	13	71	7.7
REX SMOOTHLEAF	4.79	1.11	0.96	38.9	19.4	7.7	400	13	72	8.0
ACALA 1517D	4.56	1.26	1.11	46.4	25.7	7.8	422	14	72	7.5
COL. STA., TEX.										
STONEVILLE 7A	5.00	1.18	0.99	42.1	20.1	6.3	380	09	71	7.2
DELTAPINE 45A	4.95	1.14	0.94	37.5	20.6	8.2	377	09	71	7.5
COKER 201	4.78	1.15	0.94	39.1	20.1	6.7	393	14	72	8.0
STONEVILLE 213	5.02	1.15	0.97	37.5	19.1	7.6	375	13	70	7.5
DELTAPINE S.L.	4.70	1.12	0.95	38.0	20.6	7.9	394	13	71	7.5
REX SMOOTHLEAF	4.59	1.15	0.94	37.6	19.0	7.1	415	19	71	7.2
ACALA 1517D	4.31	1.23	1.06	41.5	23.9	7.0	438	15	71	7.7
PAYMASTER 54B	4.69	0.97	0.83	36.8	17.9	8.0	390	12	71	7.2
HOPE, ARK.										
STONEVILLE 7A	4.41	1.21	1.03	38.3	18.5	6.8	417	25	78	7.0
STONEVILLE 213	4.51	1.17	1.00	34.0	17.8	8.6	421	20	79	7.5
DELTAPINE 45A	4.52	1.19	1.03	35.7	18.4	8.3	418	17	80	7.0
DELTAPINE S.L.	4.41	1.17	0.97	34.3	18.0	9.8	425	16	80	7.2
COKER 201	4.27	1.20	1.01	38.1	18.8	7.4	434	29	81	7.2
ACALA 1517D	4.34	1.27	1.09	42.0	23.1	7.4	424	22	80	7.2
REX SMOOTHLEAF	4.24	1.18	1.00	36.2	17.8	7.7	437	21	80	6.7
PAYMASTER 54B	4.55	0.98	0.85	34.4	17.8	9.1	407	19	79	7.0
BOSSIER C., LA.										
DELTAPINE 45A	4.80	1.13	0.99	35.3	18.8	9.0	407	21	75	7.7
STONEVILLE 213	4.94	1.15	0.97	34.9	18.0	8.1	393	16	75	8.0
COKER 201	4.90	1.18	1.01	36.8	18.6	7.5	405	28	76	8.2
DELTAPINE S.L.	4.84	1.18	1.02	34.4	18.4	10.2	420	28	77	8.5
STONEVILLE 7A	4.91	1.19	1.02	39.1	18.8	7.2	400	13	76	7.7
ACALA 1517D	4.40	1.25	1.12	39.3	21.8	7.9	445	32	76	8.0
PAYMASTER 54B	4.55	0.97	0.87	32.1	17.1	9.9	426	34	77	8.0
REX SMOOTHLEAF	4.29	1.18	1.00	36.8	18.5	8.0	450	32	76	8.0

1968 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
		MCGREGOR, TEX.						
COKER 201	353 A	6.26	73	38.9	10.6	.45	1.05	117
REX SMOOTHLEAF	336 A	6.96	66	35.6	12.9	.45	1.09	117
STONEVILLE 213	332 A	5.46	84	38.5	9.9	.47	1.08	108
STONEVILLE 7A	331 A	5.60	81	38.3	10.2	.49	1.13	114
PAYMASTER 54B	327 A	6.18	74	37.8	10.2	.44	0.94	98
DELTAPINE S.L.	324 A	5.34	85	37.8	9.3	.47	1.09	113
DELTAPINE 45A	275 AB	5.50	83	37.0	10.4	.45	1.03	120
ACALA 1517D	204 B	6.44	71	33.8	12.4	.52	1.16	149
		NUECES COUNTY, TEX.						
REX SMOOTHLEAF	451 A	5.77	79	36.0	12.2			
PAYMASTER 54B	384 B	5.64	81	37.8	10.0			
STONEVILLE 213	365 BC	4.92	92	38.0	9.6			
STONEVILLE 7A	338 BCD	5.17	88	38.2	9.7			
DELTAPINE S.L.	330 CD	5.00	91	38.2	9.0			
COKER 201	315 CD	5.31	86	38.5	10.3			
DELTAPINE 45A	303 D	5.08	89	39.4	9.8			
ACALA 1517D	216 F	5.75	79	34.8	11.4			

1968 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
MCGREGOR, TEX.										
COKER 201	5.15	1.13	0.93	40.3	19.0	6.1	413	23	68	6.5
REX SMOOTHLEAF	4.48	1.10	0.90	35.6	18.0	6.7	423	23	67	5.5
STONEVILLE 213	5.15	1.08	0.91	39.4	18.3	7.0	386	23	70	7.0
STONEVILLE 7A	4.87	1.12	0.92	41.9	18.7	5.7	372	24	67	6.0
PAYMASTER 54B	4.28	0.94	0.77	34.2	16.5	8.2	434	41	69	6.5
DELTAPINE S.L.	4.97	1.06	0.85	39.2	18.0	7.7	393	16	71	6.5
DELTAPINE 45A	4.40	1.07	0.92	37.1	19.2	7.6	397	12	71	6.5
ACALA 1517D	4.33	1.19	0.99	44.8	22.0	6.2	449	24	69	6.0

1968 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
WESTBURN	518	A	5.95	78	34.3	11.4	.46	1.05	115
GREGG 35	505	A	5.98	78	33.7	12.0	.46	0.99	128
PAYMASTER 101A	502	A	6.38	73	35.5	11.4	.45	0.98	117
PAYMASTER 54B	489	AB	6.23	74	36.4	11.4	.45	0.96	111
STONEVILLE 7A	475	AB	5.33	86	35.1	11.2	.48	1.13	126
COKER 201	468	AB	5.80	80	36.9	11.5	.48	1.10	123
NORTHERN STAR	465	AB	6.24	74	35.3	12.0	.45	1.00	108
PAYMASTER 111	463	AB	7.46	61	34.2	13.5	.48	1.06	125
BLIGHTMASTER A	458	AB	5.96	79	35.0	11.3	.46	1.00	109
LANKART 57	458	AB	7.52	61	36.7	13.9	.46	1.01	109
LOCKETT 4789	452	AB	6.40	72	34.1	11.8	.47	1.07	118
W. STORMPROOF	403	B	6.09	76	36.6	10.7	.44	0.99	108
ACALA 1517D	323	C	6.13	75	33.1	14.0	.56	1.22	155

SUBREGIONAL SUMMARY COMBINING LUBBOCK, TULIA AND WELCH

BLIGHTMASTER A	600	A	4.95	92	34.5	10.6	.44	1.00	108
PAYMASTER 111	591	A	6.93	65	33.2	13.2	.47	1.06	122
PAYMASTER 101A	586	A	5.59	82	34.4	10.7	.44	0.98	113
STONEVILLE 7A	572	AB	4.87	93	33.7	10.8	.47	1.13	119
WESTBURN	565	AB	5.35	85	33.5	11.0	.43	1.05	113
COKER 201	562	AB	5.19	88	36.3	11.3	.46	1.10	120
PAYMASTER 54B	534	AB	5.75	79	35.2	11.0	.45	0.98	109
LOCKETT 4789	532	AB	5.64	81	32.8	11.3	.46	1.09	117
GREGG 35	525	AB	5.43	84	32.4	11.6	.45	1.00	124
NORTHERN STAR	479	AB	5.32	86	33.9	11.5	.44	1.01	104
LANKART 57	448	AB	6.73	67	35.7	13.3	.44	1.02	102
W. STORMPROOF	444	AB	5.13	89	35.0	10.1	.42	0.99	104
ACALA 1517D	400	B	5.64	81	32.4	13.7	.54	1.22	149

SUBREGIONAL SUMMARY COMBINING CHILLICOTHE (IRR), CHILLICOTHE (DRY), ALTUS AND CHICKASHA

GREGG 35	506	A	6.12	76	34.9	12.2	.47	0.98	133
WESTBURN	481	AB	6.18	75	34.6	11.9	.48	1.06	118
LANKART 57	478	AB	8.00	58	37.5	14.1	.47	1.00	108
PAYMASTER 54B	473	ABC	6.48	72	36.8	11.7	.46	0.96	114
NORTHERN STAR	463	ABC	6.72	68	36.5	12.5	.46	1.00	112
PAYMASTER 101A	454	ABC	6.80	68	36.0	11.9	.46	0.98	121
LOCKETT 4789	440	ABC	6.80	68	34.5	12.0	.49	1.07	120
COKER 201	410	ABC	6.11	75	36.9	11.8	.52	1.12	124
W. STORMPROOF	406	BC	6.60	69	37.0	11.1	.45	0.99	113
STONEVILLE 7A	392	BC	5.53	83	35.2	11.8	.49	1.14	132
BLIGHTMASTER A	386	BC	6.54	72	35.0	11.9	.47	1.02	112
PAYMASTER 111	378	C	7.67	60	34.8	13.7	.50	1.05	128
ACALA 1517D	290	D	6.32	74	33.2	14.5	.57	1.22	159

1968 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
WESTBURN	3.88	1.10	0.93	34.7	18.4	8.9	485	38	74	8.2
GREGG 35	4.30	1.02	0.88	40.3	20.6	7.5	443	27	73	7.8
PAYMASTER 101A	4.40	1.02	0.87	37.0	18.7	7.9	435	31	75	7.8
PAYMASTER 54B	4.36	1.01	0.87	33.4	17.5	9.9	445	28	74	7.7
STONEVILLE 7A	4.35	1.20	1.01	39.0	19.1	7.0	446	31	74	7.2
COKER 201	4.53	1.18	0.99	37.9	19.4	7.4	426	29	74	7.7
NORTHERN STAR	4.42	1.05	0.88	35.8	17.4	7.1	444	39	75	8.6
PAYMASTER 111	4.54	1.11	0.96	38.6	19.8	7.7	424	27	73	7.8
BLIGHTMASTER A	4.54	1.05	0.90	35.3	17.9	8.5	426	31	74	8.3
LANKART 57	4.75	1.07	0.91	33.6	17.2	9.6	426	32	73	8.4
LOCKETT 4789	4.41	1.12	0.95	36.8	18.4	8.0	440	35	75	7.7
W. STORMPROOF	4.04	1.03	0.87	36.5	17.4	7.3	470	39	76	8.2
ACALA 1517D	4.20	1.28	1.11	41.5	23.6	7.8	453	28	73	7.5

SUBREGIONAL SUMMARY COMBINING LUBBOCK, TULIA AND WELCH

BLIGHTMASTER A	4.16	1.05	0.90	32.5	17.2	9.4	461	40	78	8.8
PAYMASTER 111	4.23	1.13	0.96	35.9	18.8	8.3	449	32	77	8.4
PAYMASTER 101A	3.97	1.03	0.89	33.7	18.0	8.6	473	41	78	8.5
STONEVILLE 7A	3.94	1.19	1.00	36.1	17.9	7.5	478	38	77	7.7
WESTBURN	3.45	1.11	0.94	31.9	17.5	9.2	536	52	77	9.0
COKER 201	4.02	1.18	0.98	34.5	18.4	8.1	471	40	77	8.3
PAYMASTER 54B	3.97	1.02	0.87	30.8	16.6	10.8	475	34	77	8.3
LOCKETT 4789	3.77	1.13	0.96	34.0	17.5	8.5	495	50	78	8.3
GREGG 35	3.96	1.04	0.90	37.4	19.7	8.0	471	33	77	8.5
NORTHERN STAR	3.80	1.05	0.88	32.3	16.3	7.7	492	52	78	8.9
LANKART 57	4.26	1.07	0.91	30.9	15.6	10.4	458	43	76	8.9
W. STORMPROOF	3.38	1.03	0.85	33.3	16.4	7.6	528	59	78	8.5
ACALA 1517D	3.85	1.29	1.11	38.9	22.6	8.2	487	38	77	8.1

SUBREGIONAL SUMMARY COMBINING CHILLICOTHE (IRR), CHILLICOTHE (DRY), ALTUS AND CHICKASHA

GREGG 35	4.50	1.01	0.87	41.9	21.4	7.3	431	22	72	7.6
WESTBURN	4.07	1.09	0.92	36.0	19.3	9.1	460	28	74	8.0
LANKART 57	5.03	1.05	0.90	33.2	17.2	9.8	405	24	73	8.4
PAYMASTER 54B	4.55	1.00	0.86	34.7	18.2	9.7	427	25	75	7.6
NORTHERN STAR	4.70	1.04	0.89	37.4	17.8	7.0	415	32	74	8.4
PAYMASTER 101A	4.64	1.01	0.86	38.7	19.4	7.9	418	28	75	7.7
LOCKETT 4789	4.70	1.11	0.95	38.2	19.2	8.1	413	29	73	7.6
COKER 201	4.76	1.18	1.01	39.4	19.7	7.3	406	23	74	7.6
W. STORMPROOF	4.33	1.03	0.88	37.5	17.8	7.6	449	32	75	8.2
STONEVILLE 7A	4.46	1.22	1.03	40.4	19.9	6.8	438	28	73	7.1
BLIGHTMASTER A	4.69	1.06	0.90	36.4	18.4	8.2	414	29	74	8.2
PAYMASTER 111	4.76	1.11	0.96	40.3	20.4	7.6	409	23	73	7.8
ACALA 1517D	4.36	1.28	1.12	42.4	24.1	7.9	436	23	73	7.4

1968 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
CL.(IRR.), TEX	643 A	7.29	63	34.8	12.9	.50	1.07	124
WELCH, TEX.	625 A	5.73	80	35.7	11.3	.46	1.02	119
LUBBOCK, TEX.	507 B	5.68	81	35.3	11.9	.46	1.06	114
CH.(DRY), OKLA	447 BC	7.33	63	35.3	13.2	.50	1.08	130
TULIA, TEX.	445 BC	5.34	86	31.2	11.5	.45	1.06	113
MCGREGOR, TEX.	392 C	6.99	65	36.5	11.8	.46	1.01	119
CL.(DRY), TEX.	310 D	5.59	82	38.9	10.5	.44	0.95	110
ALTUS, OKLA.	310 D	6.21	74	33.5	13.1	.50	1.08	127

BOLL SIZE, GRAM PER BOLL

LANKART 57	7.52	A
PAYMASTER 111	7.46	A
LOCKETT 4789	6.40	B
PAYMASTER 101A	6.38	B
NORTHERN STAR	6.24	BC
PAYMASTER 54B	6.23	BC
ACALA 1517D	6.13	BC
W. STORMPROOF	6.09	BC
GREGG 35	5.98	BC
BLIGHTMASTER A	5.96	BC
WESTBURN	5.95	BC
COKER 201	5.80	C
STONEVILLE 7A	5.33	D

BOLL SIZE, NO. PER LB.

STONEVILLE 7A	86.00	A
COKER 201	80.00	B
BLIGHTMASTER A	79.00	BC
WESTBURN	78.00	BCD
GREGG 35	78.00	BCD
W. STORMPROOF	76.00	BCD
ACALA 1517D	75.00	BCD
PAYMASTER 54B	74.00	BCD
NORTHERN STAR	74.00	BCD
PAYMASTER 101A	73.00	CD
LOCKETT 4789	72.00	D
PAYMASTER 111	61.00	E
LANKART 57	61.00	E

LINT PCT.

COKER 201	36.90	A
LANKART 57	36.70	A
W. STORMPROOF	36.60	A
PAYMASTER 54B	36.40	A
PAYMASTER 101A	35.50	AB
NORTHERN STAR	35.30	AB
STONEVILLE 7A	35.10	AB
BLIGHTMASTER A	35.00	ABC
WESTBURN	34.30	BC
PAYMASTER 111	34.20	BC
LOCKETT 4789	34.10	BC
GREGG 35	33.70	BC
ACALA 1517D	33.10	C

SEED INDEX

ACALA 1517D	14.00	A
LANKART 57	13.90	A
PAYMASTER 111	13.50	A
NORTHERN STAR	12.00	B
GREGG 35	12.00	B
LOCKETT 4789	11.80	BC
COKER 201	11.50	BC
WESTBURN	11.40	BCD
PAYMASTER 101A	11.40	BCD
PAYMASTER 54B	11.40	BCD
BLIGHTMASTER A	11.30	BCD
STONEVILLE 7A	11.20	CD
W. STORMPROOF	10.70	D

1968 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALO-METER A	AREALO-METER D	COLORI-METER RD	COLORI-METER B
CL.(IRR.), TEX	4.37	1.14	0.98	36.6	19.0	8.7	431	29	74	7.6
WELCH, TEX.	4.27	1.06	0.91	36.3	19.0	8.6	456	35	77	8.6
LUBBOCK, TEX.	3.92	1.12	0.95	33.1	17.6	9.0	475	38	78	8.2
CH.(DRY), OKLA	4.87	1.12	0.96	39.4	20.0	8.0	401	19	72	7.5
TULIA, TEX.	3.52	1.12	0.94	32.6	17.1	8.4	516	53	77	8.7
MCGREGOR, TEX.	4.88	1.08	0.92	40.9	19.5	6.2	401	23	68	6.7
CL.(DRY), TEX.	4.97	0.99	0.84	40.5	19.1	7.0	394	17	73	8.1
ALTUS, OKLA.	4.11	1.12	0.95	36.3	19.6	8.4	474	42	76	8.0

SPAN LENGTH, 50 PCT.

ACALA 1517D	.56	A
STONEVILLE 7A	.48	B
COKER 201	.48	B
PAYMASTER 111	.48	B
LOCKETT 4789	.47	BC
LANKART 57	.46	BCD
BLIGHTMASTER A	.46	BCD
GREGG 35	.46	BCD
WESTBURN	.46	BCD
PAYMASTER 54B	.45	CD
NORTHERN STAR	.45	CD
PAYMASTER 101A	.45	CD
W. STORMPROOF	.44	D

SPAN LENGTH, 2.5 PCT.

ACALA 1517D	1.22	A
STONEVILLE 7A	1.13	B
COKER 201	1.10	BC
LOCKETT 4789	1.07	CD
PAYMASTER 111	1.06	D
WESTBURN	1.05	D
LANKART 57	1.01	E
BLIGHTMASTER A	1.00	E
NORTHERN STAR	1.00	E
W. STORMPROOF	.99	EF
GREGG 35	.99	EF
PAYMASTER 101A	.98	EF
PAYMASTER 54B	.96	F

22'S

ACALA 1517D	155.00	A
GREGG 35	128.00	B
STONEVILLE 7A	126.00	BC
PAYMASTER 111	125.00	BCD
COKER 201	123.00	BCDE
LOCKETT 4789	118.00	CDEF
PAYMASTER 101A	117.00	DEFG
WESTBURN	115.00	EFGH
PAYMASTER 54B	111.00	FGH
LANKART 57	109.00	GH
BLIGHTMASTER A	109.00	GH
NORTHERN STAR	108.00	H
W. STORMPROOF	108.00	H

MICRONAIRE

LANKART 57	4.75	A
BLIGHTMASTER A	4.54	AB
PAYMASTER 111	4.54	AB
COKER 201	4.53	AB
NORTHERN STAR	4.42	AB
LOCKETT 4789	4.41	AB
PAYMASTER 101A	4.40	AB
PAYMASTER 54B	4.36	BC
STONEVILLE 7A	4.35	BC
GREGG 35	4.30	BC
ACALA 1517D	4.20	BCD
W. STORMPROOF	4.04	CD
WESTBURN	3.88	D

1968 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, UHM

ACALA 1517D	1.28	A
STONEVILLE 7A	1.20	B
COKER 201	1.18	B
LOCKETT 4789	1.12	C
PAYMASTER 111	1.11	C
WESTBURN	1.10	C
LANKART 57	1.07	D
BLIGHTMASTER A	1.05	DE
NORTHERN STAR	1.05	DE
W. STORMPROOF	1.03	EF
GREGG 35	1.02	EF
PAYMASTER 101A	1.02	EF
PAYMASTER 54B	1.01	F

DRAWING SLIVER, MEAN

ACALA 1517D	1.11	A
STONEVILLE 7A	1.01	B
COKER 201	.99	BC
PAYMASTER 111	.96	CD
LOCKETT 4789	.95	D
WESTBURN	.93	DE
LANKART 57	.91	EF
BLIGHTMASTER A	.90	EFG
NORTHERN STAR	.88	FG
GREGG 35	.88	FG
W. STORMPROOF	.87	G
PAYMASTER 101A	.87	G
PAYMASTER 54B	.87	G

UNIFORMITY RATIO

ACALA 1517D	87.00	A
LANKART 57	86.00	AB
PAYMASTER 54B	86.00	AB
BLIGHTMASTER A	86.00	AB
PAYMASTER 111	86.00	AB
GREGG 35	86.00	AB
PAYMASTER 101A	85.00	AB
LOCKETT 4789	85.00	AB
W. STORMPROOF	84.00	B
WESTBURN	84.00	B
STONEVILLE 7A	84.00	B
NORTHERN STAR	84.00	B
COKER 201	84.00	B

STELOMETER - T0

ACALA 1517D	41.50	A
GREGG 35	40.30	AB
STONEVILLE 7A	39.00	BC
PAYMASTER 111	38.60	BCD
COKER 201	37.90	CDE
PAYMASTER 101A	37.00	DEF
LOCKETT 4789	36.80	DEF
W. STORMPROOF	36.50	EFG
NORTHERN STAR	35.80	FG
BLIGHTMASTER A	35.30	FGH
WESTBURN	34.70	GHI
LANKART 57	33.60	HI
PAYMASTER 54B	33.40	I

STELOMETER - T1

ACALA 1517D	23.60	A
GREGG 35	20.60	B
PAYMASTER 111	19.80	BC
COKER 201	19.40	CD
STONEVILLE 7A	19.10	CDE
PAYMASTER 101A	18.70	CDEF
LOCKETT 4789	18.40	DEFG
WESTBURN	18.40	DEFG
BLIGHTMASTER A	17.90	EFG
PAYMASTER 54B	17.50	FG
W. STORMPROOF	17.40	G
NORTHERN STAR	17.40	G
LANKART 57	17.20	G

1968 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

PAYMASTER 54B	9.90	A
LANKART 57	9.60	A
WESTBURN	8.90	B
BLIGHTMASTER A	8.50	BC
LOCKETT 4789	8.00	CD
PAYMASTER 101A	7.90	CD
ACALA 1517D	7.80	D
PAYMASTER 111	7.70	DE
GREGG 35	7.50	DEF
COKER 201	7.40	DEF
W. STORMPROOF	7.30	DEF
NORTHERN STAR	7.10	EF
STONEVILLE 7A	7.00	F

AREALOMETER - A

WESTBURN	485.00	A
W. STORMPROOF	470.00	AB
ACALA 1517D	453.00	BC
STONEVILLE 7A	446.00	BC
PAYMASTER 54B	445.00	BC
NORTHERN STAR	444.00	BC
GREGG 35	443.00	BC
LOCKETT 4789	440.00	BC
PAYMASTER 101A	435.00	C
BLIGHTMASTER A	426.00	C
LANKART 57	426.00	C
COKER 201	426.00	C
PAYMASTER 111	424.00	C

AREALOMETER -D

NORTHERN STAR	39.00	A
W. STORMPROOF	39.00	A
WESTBURN	38.00	A
LOCKETT 4789	35.00	A
LANKART 57	32.00	A
STONEVILLE 7A	31.00	A
PAYMASTER 101A	31.00	A
BLIGHTMASTER A	31.00	A
COKER 201	29.00	A
PAYMASTER 54B	28.00	A
ACALA 1517D	28.00	A
GREGG 35	27.00	A
PAYMASTER 111	27.00	A

COLORIMETER -RD

W. STORMPROOF	76.00	A
LOCKETT 4789	75.00	AB
PAYMASTER 101A	75.00	AB
NORTHERN STAR	75.00	AB
WESTBURN	74.00	BC
PAYMASTER 54B	74.00	BC
STONEVILLE 7A	74.00	BC
BLIGHTMASTER A	74.00	BC
COKER 201	74.00	BC
LANKART 57	73.00	C
PAYMASTER 111	73.00	C
GREGG 35	73.00	C
ACALA 1517D	73.00	C

COLORIMETER -B

NORTHERN STAR	8.60	A
LANKART 57	8.40	A
BLIGHTMASTER A	8.30	A
WESTBURN	8.20	AB
W. STORMPROOF	8.20	AB
PAYMASTER 111	7.80	BC
GREGG 35	7.80	BC
PAYMASTER 101A	7.80	BC
PAYMASTER 54B	7.70	C
LOCKETT 4789	7.70	C
COKER 201	7.70	C
ACALA 1517D	7.50	CD
STONEVILLE 7A	7.20	D

1968 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
LUBBOCK, TEX.									
BLIGHTMASTER A	723	A	5.16	88	36.3	10.9	.44	1.01	105
STONEVILLE 7A	677	A	4.83	94	36.0	10.6	.46	1.13	117
PAYMASTER 111	572	B	6.84	66	34.4	13.3	.46	1.09	123
WESTBURN	554	B	5.58	82	35.4	11.5	.44	1.07	114
PAYMASTER 101A	537	B	5.77	79	36.3	11.2	.45	1.01	111
LOCKETT 4789	505	BC	5.93	77	34.1	11.7	.47	1.10	112
NORTHERN STAR	503	BC	5.67	80	34.0	12.1	.45	1.05	103
GREGG 35	490	BC	5.72	80	33.0	12.3	.44	1.01	127
COKER 201	485	BC	5.18	89	37.3	11.3	.47	1.12	118
PAYMASTER 54B	429	CD	5.87	78	36.2	11.5	.44	0.97	108
ACALA 1517D	401	CD	5.67	80	33.3	14.7	.54	1.24	147
W. STORMPROOF	360	D	5.00	91	35.9	10.5	.42	0.99	100
LANKART 57	359	D	6.54	69	36.0	13.2	.41	1.01	102
TULIA, TEX.									
PAYMASTER 54B	618	A	5.90	77	32.9	11.1	.45	1.01	107
PAYMASTER 101A	617	A	5.14	88	30.9	10.8	.43	1.01	113
COKER 201	518	B	4.88	93	34.8	11.3	.44	1.10	113
GREGG 35	518	B	5.24	87	31.1	11.3	.45	1.01	117
PAYMASTER 111	517	B	6.88	66	30.9	12.8	.46	1.06	118
WESTBURN	493	B	5.05	90	31.5	10.2	.42	1.04	111
BLIGHTMASTER A	449	C	4.81	95	31.0	10.5	.45	1.02	105
LOCKETT 4789	446	C	5.16	88	29.7	11.2	.44	1.10	118
LANKART 57	406	D	6.78	67	32.1	13.8	.43	1.03	103
STONEVILLE 7A	363	E	4.71	96	29.2	11.0	.46	1.12	119
ACALA 1517D	298	F	5.36	85	30.0	13.1	.54	1.24	146
W. STORMPROOF	285	F	4.88	93	31.0	10.2	.41	1.02	104
NORTHERN STAR	263	F	4.55	100	30.7	11.3	.42	1.03	101
WELCH, TEX.									
W. STORMPROOF	686	A	5.50	83	38.0	9.7	.41	0.95	108
COKER 201	683	A	5.50	83	36.6	11.1	.46	1.08	128
PAYMASTER 111	683	A	7.07	64	34.2	13.5	.47	1.03	126
STONEVILLE 7A	676	A	5.06	90	35.8	10.7	.48	1.13	122
NORTHERN STAR	671	A	5.74	79	37.1	10.9	.44	0.95	108
WESTBURN	649	A	5.42	85	33.4	11.1	.44	1.04	114
LOCKETT 4789	645	A	5.83	78	34.6	11.0	.47	1.05	122
BLIGHTMASTER A	629	A	4.87	93	36.2	10.2	.43	0.95	114
PAYMASTER 101A	604	AB	5.84	78	35.9	10.0	.42	0.93	114
LANKART 57	580	AB	6.87	66	39.0	12.8	.47	1.01	101
GREGG 35	566	AB	5.32	86	33.0	11.3	.45	0.97	128
PAYMASTER 54B	555	AB	5.49	83	36.4	10.4	.44	0.95	112
ACALA 1517D	500	B	5.89	77	33.9	13.3	.55	1.18	154

1968 PLAINS REGIONAL COTTON VARIETY TEST

LUBBOCK, TEX.

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
BLIGHTMASTER A	4.16	1.07	0.93	31.3	16.8	10.2	453	37	79	8.2
STONEVILLE 7A	3.89	1.22	1.02	35.3	18.0	8.2	476	38	78	7.5
PAYMASTER 111	4.02	1.15	0.99	33.9	17.9	9.0	457	29	77	8.2
WESTBURN	3.51	1.12	0.95	31.8	17.1	9.3	502	40	77	8.5
PAYMASTER 101A	3.96	1.06	0.91	32.1	17.7	9.1	466	36	80	8.0
LOCKETT 4789	4.05	1.15	0.97	33.1	17.0	8.7	467	35	79	8.0
NORTHERN STAR	3.74	1.08	0.90	31.5	15.9	8.1	490	49	79	8.5
GREGG 35	3.86	1.06	0.92	37.0	19.6	8.7	483	38	78	8.2
COKER 201	4.16	1.18	0.97	33.3	17.6	8.2	457	38	77	8.2
PAYMASTER 548	4.11	1.04	0.89	30.3	16.2	10.9	465	32	78	8.2
ACALA 1517D	4.06	1.32	1.13	38.8	22.4	8.3	469	33	78	8.0
W. STORMPROOF	3.27	1.05	0.87	32.5	16.3	7.4	527	52	78	8.5
LANKART 57	4.13	1.08	0.93	29.7	15.8	10.6	468	45	77	8.5

TULIA, TEX.

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
PAYMASTER 548	3.64	1.07	0.90	28.3	16.1	10.8	495	41	76	8.7
PAYMASTER 101A	3.59	1.06	0.91	32.3	17.3	8.3	509	51	77	9.0
COKER 201	3.78	1.18	1.00	33.2	17.1	7.3	491	40	76	8.5
GREGG 35	3.83	1.06	0.90	36.4	18.3	7.6	474	32	75	9.0
PAYMASTER 111	4.14	1.15	0.97	34.5	18.2	8.2	459	43	77	8.5
WESTBURN	3.25	1.11	0.94	30.5	17.1	8.9	547	62	75	9.7
BLIGHTMASTER A	3.83	1.06	0.90	30.9	16.1	9.1	493	46	76	9.2
LOCKETT 4789	3.14	1.14	0.95	33.3	16.8	8.3	552	73	78	8.5
LANKART 57	3.64	1.12	0.94	29.2	14.9	10.3	504	53	76	9.0
STONEVILLE 7A	3.71	1.19	1.00	34.9	17.3	7.0	499	42	77	7.7
ACALA 1517D	3.30	1.31	1.12	37.2	21.5	7.1	535	52	77	8.0
W. STORMPROOF	3.01	1.04	0.85	32.1	15.6	8.1	582	80	80	8.2
NORTHERN STAR	2.92	1.08	0.87	30.6	15.9	7.7	572	78	78	8.7

WELCH, TEX.

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
W. STORMPROOF	3.86	0.98	0.84	35.2	17.4	7.2	477	44	78	8.7
COKER 201	4.11	1.16	0.98	36.8	20.5	8.7	464	42	77	8.2
PAYMASTER 111	4.54	1.08	0.93	39.2	20.3	7.7	431	25	77	8.5
STONEVILLE 7A	4.23	1.17	0.97	38.2	18.4	7.3	460	34	77	8.0
NORTHERN STAR	4.73	1.00	0.85	34.8	17.1	7.3	413	28	77	9.5
WESTBURN	3.58	1.10	0.93	33.3	18.1	9.4	559	54	78	8.7
LOCKETT 4789	4.11	1.10	0.94	35.6	18.6	8.6	466	44	78	8.5
BLIGHTMASTER A	4.47	1.01	0.86	35.1	18.5	9.0	439	37	78	9.0
PAYMASTER 101A	4.36	0.98	0.84	36.7	19.1	8.3	443	35	78	8.5
LANKART 57	5.00	1.02	0.86	33.7	16.1	10.2	402	30	75	9.2
GREGG 35	4.18	1.00	0.87	38.8	21.0	7.8	456	30	77	8.2
PAYMASTER 548	4.15	0.96	0.82	33.6	17.6	10.7	464	29	78	8.0
ACALA 1517D	4.18	1.25	1.08	40.7	23.8	9.2	456	29	76	8.2

1968 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
MCGREGOR, TEX.									
WESTBURN	524	A	6.86	66	35.5	11.2	.46	1.05	111
STONEVILLE 7A	514	AB	5.90	77	39.0	10.1	.45	1.07	120
GREGG 35	442	AB	7.08	64	33.0	11.9	.45	0.95	125
PAYMASTER 101A	441	AB	7.04	65	36.4	11.2	.45	0.97	111
NORTHERN STAR	435	AB	7.08	64	34.6	11.8	.45	0.97	110
PAYMASTER 111	422	ABC	8.22	55	34.8	13.2	.48	1.06	124
COKER 201	418	ABC	6.38	71	38.5	11.1	.43	1.03	126
PAYMASTER 548	418	ABC	6.66	69	38.1	10.9	.43	0.92	109
LANKART 57	408	BC	7.94	58	36.2	15.0	.46	1.01	133
BLIGHTMASTER A	320	CD	6.70	68	36.4	10.7	.46	0.97	100
W. STORMPROOF	273	D	6.98	66	39.8	10.6	.45	0.98	101
LOCKETT 4789	259	D	7.12	64	36.5	12.2	.44	1.01	116
ACALA 1517D	227	D	6.88	66	35.2	13.0	.55	1.19	157
CHILLICOTHE, TEX. (IRR.)									
GREGG 35	893	A	7.14	64	37.2	12.9	.50	1.03	134
WESTBURN	743	B	7.01	65	33.0	12.7	.46	1.07	118
LANKART 57	733	B	8.75	52	37.4	14.7	.47	1.04	106
PAYMASTER 548	704	B	6.86	67	35.8	12.0	.47	0.97	114
PAYMASTER 101A	686	B	7.58	60	33.6	12.9	.48	1.01	121
NORTHERN STAR	679	B	7.01	65	36.0	12.6	.46	0.99	108
LOCKETT 4789	660	BC	7.72	59	32.2	12.8	.50	1.11	124
COKER 201	655	BCD	6.91	66	36.0	12.2	.55	1.16	131
W. STORMPROOF	560	CDE	6.96	66	36.8	11.3	.44	1.00	110
PAYMASTER 111	556	DE	7.95	57	33.7	13.3	.50	1.09	137
STONEVILLE 7A	535	EF	6.02	75	34.4	12.3	.50	1.16	138
BLIGHTMASTER A	519	EF	7.59	62	33.7	12.1	.50	1.04	109
ACALA 1517D	442	F	7.21	63	32.4	15.2	.59	1.24	163
CHILLICOTHE, TEX. (DRY)									
W. STORMPROOF	363	A	6.01	76	36.4	9.9	.43	0.91	109
COKER 201	348	AB	5.12	89	40.3	10.2	.46	1.04	105
NORTHERN STAR	344	AB	6.35	72	39.2	11.2	.44	0.95	106
LOCKETT 4789	340	ABC	5.78	79	39.7	10.0	.43	0.95	109
WESTBURN	337	ABC	5.33	86	37.6	10.1	.43	0.95	105
GREGG 35	326	ABCD	4.97	91	36.9	10.1	.40	0.88	114
STONEVILLE 7A	319	ABCD	4.87	93	39.2	10.2	.46	1.05	121
LANKART 57	313	ABCD	7.07	64	42.2	11.4	.41	0.88	94
BLIGHTMASTER A	310	ABCD	5.09	89	39.5	9.6	.44	0.92	100
PAYMASTER 101A	302	BCD	5.56	82	40.1	9.7	.40	0.86	105
PAYMASTER 111	288	CD	6.50	70	38.4	11.2	.43	0.92	108
PAYMASTER 548	282	D	5.22	87	39.7	9.7	.40	0.85	102
ACALA 1517D	156	E	4.81	94	35.9	12.7	.54	1.16	152

1968 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	T0	T1	E1	A	D	RD	B
MCGREGOR, TEX.										
WESTBURN	4.43	1.09	0.92	37.9	17.8	7.2	430	36	70	6.5
STONEVILLE 7A	5.15	1.18	1.01	41.8	19.2	5.8	384	22	67	6.0
GREGG 35	4.50	1.00	0.86	42.5	20.4	6.4	404	27	67	6.5
PAYMASTER 101A	4.70	1.00	0.84	39.7	18.4	5.8	388	16	69	6.5
NORTHERN STAR	5.20	1.05	0.88	40.0	18.7	5.6	421	29	71	8.0
PAYMASTER 111	4.55	1.10	0.95	39.9	20.2	6.0	414	29	67	6.0
COKER 201	5.15	1.15	0.95	42.3	20.8	5.7	372	22	67	6.5
PAYMASTER 548	4.75	1.00	0.88	36.4	17.5	7.5	428	23	66	6.0
LANKART 57	5.13	1.12	0.97	43.2	21.5	6.9	412	31	68	7.0
BLIGHTMASTER A	5.10	1.03	0.89	39.6	17.9	6.8	373	14	68	7.5
W. STORMPROOF	4.88	1.01	0.86	42.4	18.7	5.3	380	10	72	7.5
LOCKETT 4789	5.20	1.09	0.95	39.6	17.9	6.0	384	12	70	6.5
ACALA 1517D	4.65	1.25	1.05	45.8	24.4	6.0	420	25	65	6.0
CHILLICOTHE, TEX. (IRR.)										
GREGG 35	4.37	1.08	0.94	40.0	21.0	8.2	424	27	73	7.0
WESTBURN	3.81	1.14	0.96	34.0	18.6	10.0	469	34	75	7.7
LANKART 57	4.78	1.10	0.94	31.3	16.7	10.6	413	28	74	8.0
PAYMASTER 548	4.25	1.04	0.91	31.9	17.2	11.0	441	33	76	7.5
PAYMASTER 101A	4.53	1.07	0.92	35.8	18.3	8.8	419	27	75	7.5
NORTHERN STAR	4.52	1.06	0.91	36.3	17.4	7.6	413	33	74	8.5
LOCKETT 4789	4.51	1.16	0.97	36.9	18.9	8.4	419	33	74	7.2
COKER 201	4.60	1.23	1.06	37.5	19.4	7.6	413	22	74	7.5
W. STORMPROOF	4.15	1.06	0.90	36.4	17.8	8.3	444	29	74	8.2
PAYMASTER 111	4.26	1.16	1.01	39.5	20.5	8.5	432	26	73	7.5
STONEVILLE 7A	4.16	1.28	1.08	40.0	19.8	7.7	454	26	74	6.7
BLIGHTMASTER A	4.65	1.07	0.91	35.1	17.5	9.1	420	34	72	8.2
ACALA 1517D	4.22	1.31	1.15	40.7	24.1	7.6	441	24	72	7.2
CHILLICOTHE, TEX. (DRY)										
W. STORMPROOF	4.95	0.95	0.82	40.6	17.4	6.8	401	17	74	9.0
COKER 201	5.13	1.07	0.88	42.3	19.6	6.1	382	20	72	7.7
NORTHERN STAR	5.11	0.99	0.86	40.2	17.8	6.4	380	24	73	8.7
LOCKETT 4789	5.20	1.02	0.87	39.4	17.6	7.3	380	13	72	7.7
WESTBURN	4.24	0.96	0.81	37.9	19.3	7.9	444	18	74	8.2
GREGG 35	4.54	0.90	0.75	43.4	19.9	6.3	419	14	72	7.7
STONEVILLE 7A	5.14	1.13	0.95	41.8	18.7	5.9	386	15	71	7.0
LANKART 57	5.40	0.94	0.80	35.5	17.1	8.5	369	17	71	9.0
BLIGHTMASTER A	5.21	0.97	0.84	36.0	18.2	7.5	380	18	75	8.5
PAYMASTER 101A	4.85	0.90	0.75	41.3	19.6	6.7	388	20	75	7.7
PAYMASTER 111	5.13	0.98	0.84	42.1	19.4	6.7	377	14	74	8.2
PAYMASTER 548	5.05	0.89	0.74	38.6	18.5	8.0	401	15	74	8.0
ACALA 1517D	4.59	1.20	1.04	46.6	25.3	6.5	414	22	72	8.0

1968 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ALTUS, OKLA.									
PAYMASTER 54B	420	A	6.42	71	34.8	12.8	.49	0.98	118
LANKART 57	400	AB	7.20	63	34.8	15.3	.48	1.05	116
GREGG 35	373	AB	5.39	85	32.3	12.9	.49	1.02	143
PAYMASTER 101A	360	BC	6.54	70	34.8	12.1	.49	1.03	128
WESTBURN	356	BC	5.68	81	32.6	12.4	.51	1.11	123
LOCKETT 4789	308	CD	6.56	70	32.1	12.7	.53	1.14	129
NORTHERN STAR	303	CD	6.30	72	33.4	13.0	.47	1.02	121
PAYMASTER 111	296	D	7.32	62	32.8	15.0	.53	1.09	131
STONEVILLE 7A	275	DE	5.24	87	32.5	12.4	.49	1.16	135
BLIGHTMASTER A	255	DE	6.04	76	32.0	13.0	.47	1.06	117
W. STORMPROOF	231	E	6.24	73	36.3	11.4	.46	1.04	113
COKER 201	225	E	5.76	79	34.6	12.5	.51	1.15	128
ACALA 1517D	222	E	6.04	76	32.1	14.0	.56	1.21	150
CHICKASHA, OKLA. (DRY)									
NORTHERN STAR	525	A	7.22	63	37.5	13.0	.45	1.01	113
WESTBURN	488	AB	6.70	68	35.0	12.1	.51	1.08	128
PAYMASTER 54B	485	AB	7.40	62	36.7	12.3	.46	1.02	122
W. STORMPROOF	469	ABC	7.16	64	38.3	11.9	.48	1.02	123
PAYMASTER 101A	468	ABC	7.52	61	35.6	12.9	.48	1.01	130
LANKART 57	464	ABC	8.96	51	35.5	15.0	.50	1.02	114
BLIGHTMASTER A	459	ABC	7.44	61	34.8	12.8	.46	1.04	122
LOCKETT 4789	451	BC	7.12	64	34.0	12.6	.49	1.06	120
STONEVILLE 7A	440	BC	5.99	76	34.8	12.2	.51	1.18	135
GREGG 35	432	BCD	6.96	66	33.2	12.9	.49	1.00	141
COKER 201	413	CD	6.66	68	36.9	12.2	.53	1.14	133
PAYMASTER 111	373	DE	8.91	51	34.1	15.1	.53	1.10	137
ACALA 1517D	338	E	7.20	63	32.2	16.2	.59	1.26	173

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	T0	T1	E1	A	D	RD	B

ALTUS, OKLA.

VARIETY	MICRONAIRE	UHM	MEAN	T0	T1	E1	A	D	RD	B
PAYMASTER 548	4.20	1.03	0.90	33.7	18.1	10.1	462	39	78	7.7
LANKART 57	4.55	1.09	0.93	32.3	17.8	9.9	471	34	77	8.2
GREGG 35	4.15	1.04	0.90	40.7	22.5	7.6	483	34	75	8.0
PAYMASTER 101A	4.19	1.03	0.86	36.2	19.2	8.4	472	46	77	7.7
WESTBURN	3.79	1.13	0.95	34.9	19.8	9.5	515	41	75	8.2
LOCKETT 4789	3.91	1.16	1.00	37.7	20.1	8.4	472	50	77	8.0
NORTHERN STAR	4.15	1.06	0.88	34.5	17.9	7.4	478	47	77	8.5
PAYMASTER 111	4.56	1.14	1.00	37.7	20.6	8.0	447	38	76	8.0
STONEVILLE 7A	3.87	1.22	1.02	38.9	21.0	6.9	488	50	77	7.5
BLIGHTMASTER A	4.07	1.08	0.92	34.6	18.7	8.0	456	45	75	8.0
W. STORMPROOF	3.76	1.05	0.87	34.0	17.7	8.0	523	57	77	8.0
COKER 201	4.26	1.21	1.03	37.5	19.7	7.6	438	33	77	8.2
ACALA 1517D	3.99	1.29	1.10	39.2	21.5	8.7	457	30	76	7.7

CHICKASHA, OKLA. (DRY)

VARIETY	MICRONAIRE	UHM	MEAN	T0	T1	E1	A	D	RD	B
NORTHERN STAR	5.00	1.06	0.90	38.6	18.0	6.7	389	26	73	8.0
WESTBURN	4.45	1.13	0.95	37.3	19.3	8.8	414	19	74	7.7
PAYMASTER 548	4.70	1.02	0.89	34.6	18.7	9.8	406	15	72	7.2
W. STORMPROOF	4.45	1.05	0.90	38.9	18.2	7.2	429	27	74	7.7
PAYMASTER 101A	4.99	1.03	0.89	41.5	20.3	7.6	396	21	73	7.7
LANKART 57	5.39	1.06	0.91	33.5	17.2	9.9	368	16	70	8.2
BLIGHTMASTER A	4.80	1.11	0.93	39.7	19.1	8.1	400	19	74	8.0
LOCKETT 4789	5.17	1.11	0.97	38.8	19.9	8.0	382	22	70	7.5
STONEVILLE 7A	4.67	1.23	1.04	40.9	20.2	6.7	425	24	72	7.0
GREGG 35	4.91	1.02	0.88	43.4	22.1	7.2	400	12	69	7.5
COKER 201	5.05	1.21	1.05	40.1	20.1	7.8	394	17	73	7.0
PAYMASTER 111	5.10	1.13	0.98	41.9	20.9	7.4	380	14	70	7.5
ACALA 1517D	4.64	1.33	1.19	43.0	25.2	8.8	433	15	72	6.5

1968 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22IS
STONEVILLE 7A	1189	A	5.47	84	35.8	11.1	.47	1.12	113
DELTAPINE 16	1147	AB	5.82	78	37.0	10.7	.50	1.14	116
ARIZ. 6218	1122	ABC	6.43	71	37.5	11.8	.52	1.13	140
COKER 201	1106	ABCD	6.03	77	38.7	11.2	.48	1.10	114
CAL. 12302-89	1096	ABCD	6.72	69	35.4	13.9	.54	1.14	138
CAL. 12302-589	1080	ABCD	7.08	65	35.7	14.3	.52	1.17	136
HOPICALA	1048	BCDE	7.16	64	36.8	13.6	.53	1.15	143
ACALA SJ-1	1043	BCDE	6.97	66	35.2	14.2	.53	1.17	139
ACALA 1517V	1032	BCDE	6.75	69	35.3	13.7	.55	1.21	150
S155	996	CDE	6.66	69	34.3	14.0	.54	1.20	141
ACALA 1517D	981	DE	6.81	68	34.0	14.0	.55	1.20	149
ACALA IMPERIAL	975	DE	6.68	69	35.4	12.8	.51	1.12	131
ACALA 3080	929	EF	6.55	71	35.4	13.1	.53	1.18	153
PAYMASTER 54B	840	F	6.57	70	37.7	11.6	.46	0.98	105

SUBREGIONAL SUMMARY COMBINING BRAWLEY, YUMA, PHOENIX AND MARANA

STONEVILLE 7A	1625	A	5.31	86	36.3	11.1	.50	1.16	117
DELTAPINE 16	1523	AB	5.88	77	37.2	11.0	.52	1.16	121
COKER 201	1414	BC	6.18	74	38.1	11.6	.51	1.13	120
CAL. 12302-89	1343	CD	6.82	67	34.7	14.3	.55	1.16	142
CAL. 12302-589	1307	CDE	7.05	65	35.1	14.8	.54	1.18	142
ARIZ. 6218	1296	CDE	6.38	72	36.6	12.0	.53	1.14	144
ACALA IMPERIAL	1281	CDEF	6.61	69	34.9	13.1	.54	1.15	138
HOPICALA	1238	DEF	7.18	64	36.6	13.9	.55	1.16	147
ACALA 1517V	1214	DEFG	6.71	68	34.5	14.1	.56	1.23	156
ACALA SJ-1	1212	DEFG	6.99	66	35.0	14.6	.54	1.19	143
S155	1149	EFG	6.75	68	33.6	14.5	.56	1.22	145
ACALA 1517D	1133	FGH	6.98	65	33.1	14.6	.58	1.23	155
ACALA 3080	1062	GH	6.33	73	34.8	13.6	.56	1.22	161
PAYMASTER 54B	990	H	6.75	68	36.3	12.1	.46	0.97	108

SUBREGIONAL SUMMARY COMBINING LAS CRUCES, PECOS, ARTESIA AND PAHRUMP

ARIZ. 6218	961	A	6.37	72	38.6	11.4	.51	1.12	133
CAL. 12302-589	902	AB	6.96	67	36.6	13.5	.51	1.16	130
ACALA SJ-1	893	AB	6.86	67	35.5	13.6	.53	1.16	134
HOPICALA	889	AB	7.16	65	37.4	13.0	.51	1.14	136
CAL. 12302-89	872	AB	6.45	72	36.2	13.5	.53	1.14	134
ACALA 1517D	869	AB	6.57	73	35.3	13.4	.53	1.18	142
COKER 201	864	AB	5.77	81	39.5	10.7	.46	1.08	107
STONEVILLE 7A	863	AB	5.53	83	35.6	11.1	.46	1.11	112
DELTAPINE 16	851	AB	5.64	81	37.1	10.3	.49	1.12	111
ACALA 1517V	847	AB	6.63	71	36.3	13.1	.54	1.20	144
S155	844	AB	6.49	71	35.3	13.3	.52	1.18	138
ACALA 3080	813	AB	6.73	70	36.4	12.5	.51	1.15	144
PAYMASTER 54B	757	B	6.41	71	39.0	11.1	.46	1.00	103
ACALA IMPERIAL	755	B	6.72	68	36.0	12.5	.49	1.09	127

1968 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER T0	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
STONEVILLE 7A	4.26	1.16	0.93	37.7	17.6	6.7	448	34	77	8.1
DELTAPINE 16	4.31	1.18	0.97	33.5	17.9	9.6	450	34	79	8.0
ARIZ. 6218	4.08	1.16	0.97	40.0	21.2	7.0	464	33	77	8.1
COKER 201	4.38	1.14	0.92	36.8	17.9	7.5	437	30	78	8.4
CAL. 12302-89	4.45	1.20	1.02	39.7	21.4	7.1	439	31	77	8.3
CAL. 12302-589	4.27	1.22	1.01	40.4	21.1	7.0	449	35	78	8.4
HOPICALA	4.09	1.18	1.01	40.3	21.4	7.0	460	34	78	8.3
ACALA SJ-1	4.25	1.21	1.02	39.8	21.3	7.2	447	34	77	8.2
ACALA 1517V	3.97	1.27	1.06	41.2	22.0	6.7	467	30	78	7.9
S155	4.09	1.25	1.04	39.6	21.4	7.2	463	35	77	8.1
ACALA 1517D	4.15	1.26	1.07	39.7	22.3	7.3	458	30	77	8.2
ACALA IMPERIAL	4.17	1.15	0.96	38.8	20.3	7.1	442	33	76	8.4
ACALA 3080	4.14	1.24	1.04	43.9	22.7	6.5	440	30	77	8.3
PAYMASTER 54B	4.29	1.00	0.84	33.3	17.0	9.0	446	30	77	8.2

SUBREGIONAL SUMMARY COMBINING BRAWLEY, YUMA, PHOENIX AND MARANA

STONEVILLE 7A	4.69	1.20	0.99	39.9	18.1	6.4	406	23	76	8.4
DELTAPINE 16	4.78	1.21	1.02	35.6	18.7	8.6	412	28	79	8.4
COKER 201	4.89	1.17	0.97	39.0	18.7	6.5	403	21	77	8.9
CAL. 12302-89	4.76	1.21	1.05	42.1	22.4	6.5	408	23	76	8.7
CAL. 12302-589	4.72	1.25	1.06	42.3	22.1	6.6	416	29	77	8.8
ARIZ. 6218	4.45	1.18	1.00	42.6	22.1	6.3	440	26	77	8.6
ACALA IMPERIAL	4.57	1.18	1.01	41.5	21.4	6.6	414	26	75	8.9
HOPICALA	4.43	1.20	1.04	41.9	22.4	6.3	433	27	78	8.7
ACALA 1517V	4.23	1.27	1.08	43.2	23.0	6.3	445	25	77	8.2
ACALA SJ-1	4.65	1.23	1.05	42.4	22.6	6.7	418	29	76	8.6
S155	4.39	1.27	1.08	41.2	22.4	6.6	431	32	76	8.4
ACALA 1517D	4.48	1.27	1.09	41.3	23.1	6.7	433	24	77	8.6
ACALA 3080	4.42	1.26	1.07	46.0	23.8	6.3	402	22	76	8.7
PAYMASTER 54B	4.68	1.00	0.86	34.6	17.5	8.5	411	20	77	8.4

SUBREGIONAL SUMMARY COMBINING LAS CRUCES, PECOS, ARTESIA AND PAHRUMP

ARIZ. 6218	3.90	1.15	0.95	36.7	19.8	7.7	474	35	79	7.7
CAL. 12302-589	4.03	1.20	0.97	37.9	20.0	7.4	465	36	80	8.2
ACALA SJ-1	3.99	1.21	1.00	36.6	20.0	7.6	467	39	79	8.1
HOPICALA	3.94	1.17	0.98	37.8	20.0	7.6	471	37	79	8.1
CAL. 12302-89	4.27	1.19	1.00	36.9	20.4	7.7	462	37	79	8.1
ACALA 1517D	3.95	1.26	1.06	37.3	21.4	7.9	475	33	79	8.0
COKER 201	3.98	1.11	0.88	34.2	17.1	8.5	466	36	79	8.2
STONEVILLE 7A	4.09	1.13	0.89	35.6	17.1	7.0	471	40	79	7.9
DELTAPINE 16	4.13	1.16	0.84	31.1	16.9	10.5	464	36	80	7.9
ACALA 1517V	3.86	1.27	1.06	39.1	20.9	7.0	478	31	80	7.8
S155	3.94	1.24	1.02	37.4	20.6	7.7	480	36	79	8.0
ACALA 3080	4.03	1.21	1.00	41.2	21.2	6.7	461	33	79	8.1
PAYMASTER 54B	4.13	1.01	0.83	32.2	16.6	9.3	461	33	79	8.2
ACALA IMPERIAL	4.01	1.13	0.94	36.0	19.3	7.5	446	33	78	8.2

1968 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE		BOLL.SIZE GRAM PER BOLL	BOLL.SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
YUMA, ARIZ.	1568	A	6.29	73	34.4	13.3	.54	1.17	142
BRAWLEY, CALIF	1408	B	5.92	77	36.3	12.2	.51	1.13	143
PHOENIX, ARIZ.	1125	C	7.00	65	34.9	13.8	.56	1.18	139
MARANA, ARIZ.	980	D	7.05	65	36.3	13.6	.54	1.18	131
PECOS, TEX.	952	DE	6.30	73	37.9	12.3	.52	1.13	129
PAHRUMP, NEV.	877	EF	5.22	88	36.5	12.6	.48	1.10	125
SHAFTER, CALIF	873	EF	6.90	66	35.0	13.3	.48	1.11	134
LAS CR., N.MEX	819	F	7.04	65	37.5	11.9	.50	1.12	131
ARTESIA, N.MEX	775	F	7.23	63	35.3	12.7	.53	1.17	128

BOLL SIZE, GRAM PER BOLL		
HOPICALA	7.16	A
CAL. 12302-589	7.08	AB
ACALA SJ-1	6.97	ABC
ACALA 1517D	6.81	ABCD
ACALA 1517V	6.75	BCD
CAL. 12302-89	6.72	BCD
ACALA IMPERIAL	6.68	BCD
S155	6.66	CD
PAYMASTER 54B	6.57	CD
ACALA 3080	6.55	CD
ARIZ. 6218	6.43	D
COKER 201	6.03	F
DELTAPINE 16	5.82	EF
STONEVILLE 7A	5.47	F

BOLL SIZE, NO. PER LB.		
STONEVILLE 7A	84.00	A
DELTAPINE 16	78.00	B
COKER 201	77.00	B
ACALA 3080	71.00	C
ARIZ. 6218	71.00	C
PAYMASTER 54B	70.00	CD
S155	69.00	CDE
ACALA IMPERIAL	69.00	CDE
ACALA 1517V	69.00	CDE
CAL. 12302-89	69.00	CDE
ACALA 1517D	68.00	CDEF
ACALA SJ-1	66.00	DEF
CAL. 12302-589	65.00	EF
HOPICALA	64.00	F

LINT PCT.		
COKER 201	38.70	A
PAYMASTER 54B	37.70	AB
ARIZ. 6218	37.50	B
DELTAPINE 16	37.00	B
HOPICALA	36.80	BC
STONEVILLE 7A	35.80	CD
CAL. 12302-589	35.70	D
ACALA IMPERIAL	35.40	DE
CAL. 12302-89	35.40	DE
ACALA 3080	35.40	DE
ACALA 1517V	35.30	DE
ACALA SJ-1	35.20	DE
S155	34.30	EF
ACALA 1517D	34.00	F

SEED INDEX		
CAL. 12302-589	14.30	A
ACALA SJ-1	14.20	A
ACALA 1517D	14.00	A
S155	14.00	A
CAL. 12302-89	13.90	A
ACALA 1517V	13.70	AB
HOPICALA	13.60	AB
ACALA 3080	13.10	BC
ACALA IMPERIAL	12.80	C
ARIZ. 6218	11.80	D
PAYMASTER 54B	11.60	D
COKER 201	11.20	DE
STONEVILLE 7A	11.10	DE
DELTAPINE 16	10.70	F

1968 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	MEAN	STELOMETER TO	T1	E1	AREALO-METER A	D	COLORI-METER RD	B
YUMA, ARIZ.	4.53	1.19	1.00	42.6	21.8	6.6	428	30	75	8.6
BRAWLEY, CALIF	4.40	1.20	1.02	43.5	22.5	6.2	429	26	77	8.0
PHOENIX, ARIZ.	4.72	1.22	1.03	39.7	20.8	6.9	413	23	77	8.8
MARANA, ARIZ.	4.67	1.23	1.05	38.2	20.1	7.4	408	22	77	8.9
PECOS, TEX.	4.41	1.18	0.96	37.0	19.5	7.3	442	32	79	8.1
PAHRUMP, NEV.	4.43	1.15	0.95	38.4	20.1	7.4	441	33	81	7.5
SHAFTER, CALIF	3.48	1.15	0.94	40.5	20.9	7.4	509	48	74	7.4
LAS CR., N.MEX	3.60	1.15	0.93	37.1	19.9	7.9	487	41	78	8.1
ARTESIA, N.MEX	3.63	1.21	1.04	33.2	18.1	8.9	498	36	79	8.5

SPAN LENGTH, 50 PCT.

ACALA 1517D	.55	A
ACALA 1517V	.55	A
S155	.54	AB
CAL. 12302-89	.54	AB
ACALA 3080	.53	ABC
ACALA SJ-1	.53	ABC
HOPICALA	.53	ABC
CAL. 12302-589	.52	BCD
ARIZ. 6218	.52	BCD
ACALA IMPERIAL	.51	CD
DELTAPINE 16	.50	DE
COKER 201	.48	EF
STONEVILLE 7A	.47	F
PAYMASTER 54B	.46	F

SPAN LENGTH, 2.5 PCT.

ACALA 1517V	1.21	A
ACALA 1517D	1.20	A
S155	1.20	A
ACALA 3080	1.18	AB
CAL. 12302-589	1.17	ABC
ACALA SJ-1	1.17	ABC
HOPICALA	1.15	BCD
DELTAPINE 16	1.14	BCDE
CAL. 12302-89	1.14	BCDE
ARIZ. 6218	1.13	CDE
STONEVILLE 7A	1.12	DE
ACALA IMPERIAL	1.12	DE
COKER 201	1.10	E
PAYMASTER 54B	.98	F

22'S

ACALA 3080	153.00	A
ACALA 1517V	150.00	A
ACALA 1517D	149.00	AB
HOPICALA	143.00	BC
S155	141.00	C
ARIZ. 6218	140.00	C
ACALA SJ-1	139.00	C
CAL. 12302-89	138.00	C
CAL. 12302-589	136.00	CD
ACALA IMPERIAL	131.00	D
DELTAPINE 16	116.00	E
COKER 201	114.00	E
STONEVILLE 7A	113.00	E
PAYMASTER 54B	105.00	F

MICRONAIRE

CAL. 12302-89	4.45	A
COKER 201	4.38	AB
DELTAPINE 16	4.31	AB
PAYMASTER 54B	4.29	AB
CAL. 12302-589	4.27	ABC
STONEVILLE 7A	4.26	ABC
ACALA SJ-1	4.25	ABC
ACALA IMPERIAL	4.17	ABC
ACALA 1517D	4.15	ABC
ACALA 3080	4.14	BC
S155	4.09	BC
HOPICALA	4.09	BC
ARIZ. 6218	4.08	BC
ACALA 1517V	3.97	C

1968 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, UHM

ACALA 1517V	1.27	A
ACALA 1517D	1.26	A
S155	1.25	AB
ACALA 3080	1.24	ABC
CAL. 12302-589	1.22	BCD
ACALA SJ-1	1.21	CDE
CAL. 12302-89	1.20	DE
DELTAPINE 16	1.18	EF
HOPICALA	1.18	EF
STONEVILLE 7A	1.16	FG
ARIZ. 6218	1.16	FG
ACALA IMPERIAL	1.15	FG
COKER 201	1.14	G
PAYMASTER 54B	1.00	H

DRAWING SLIVER, MEAN

ACALA 1517D	1.07	A
ACALA 1517V	1.06	AB
ACALA 3080	1.04	ABC
S155	1.04	ABC
CAL. 12302-89	1.02	BC
ACALA SJ-1	1.02	BC
CAL. 12302-589	1.01	CD
HOPICALA	1.01	CD
ARIZ. 6218	.97	DE
DELTAPINE 16	.97	DE
ACALA IMPERIAL	.96	EF
STONEVILLE 7A	.93	EF
COKER 201	.92	F
PAYMASTER 54B	.84	G

UNIFORMITY RATIO

HOPICALA	85.00	A
ACALA 1517D	85.00	A
CAL. 12302-89	85.00	A
ARIZ. 6218	84.00	AB
ACALA 3080	84.00	AB
ACALA SJ-1	84.00	AB
ACALA IMPERIAL	84.00	AB
ACALA 1517V	84.00	AB
PAYMASTER 54B	83.00	ABC
CAL. 12302-589	83.00	ABC
S155	83.00	ABC
DELTAPINE 16	82.00	BCD
COKER 201	81.00	CD
STONEVILLE 7A	80.00	D

STELOMETER - T0

ACALA 3080	43.90	A
ACALA 1517V	41.20	B
CAL. 12302-589	40.40	BC
HOPICALA	40.30	BC
ARIZ. 6218	40.00	BC
ACALA SJ-1	39.80	BC
CAL. 12302-89	39.70	BC
ACALA 1517D	39.70	BC
S155	39.60	BC
ACALA IMPERIAL	38.80	CD
STONEVILLE 7A	37.70	DE
COKER 201	36.80	E
DELTAPINE 16	33.50	F
PAYMASTER 54B	33.30	F

STELOMETER - T1

ACALA 3080	22.70	A
ACALA 1517D	22.30	AB
ACALA 1517V	22.00	ABC
CAL. 12302-89	21.40	BCD
S155	21.40	BCD
HOPICALA	21.40	BCD
ACALA SJ-1	21.30	BCD
ARIZ. 6218	21.20	BCD
CAL. 12302-589	21.10	CD
ACALA IMPERIAL	20.30	D
DELTAPINE 16	17.90	E
COKER 201	17.90	E
STONEVILLE 7A	17.60	E
PAYMASTER 54B	17.00	E

1968 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

DELTAPINE 16	9.60	A
PAYMASTER 54B	9.00	A
COKER 201	7.50	B
ACALA 1517D	7.30	BC
S155	7.20	BCD
ACALA SJ-1	7.20	BCD
CAL. 12302-89	7.10	BCD
ACALA IMPERIAL	7.10	BCD
HOPICALA	7.00	BCD
CAL. 12302-589	7.00	BCD
ARIZ. 6218	7.00	BCD
ACALA 1517V	6.70	CD
STONEVILLE 7A	6.70	CD
ACALA 3080	6.50	D

AREALOMETER - A

ACALA 1517V	467.00	A
ARIZ. 6218	464.00	AB
S155	463.00	AB
HOPICALA	460.00	AB
ACALA 1517D	458.00	AB
DELTAPINE 16	450.00	AB
CAL. 12302-589	449.00	AB
STONEVILLE 7A	448.00	AB
ACALA SJ-1	447.00	AB
PAYMASTER 54B	446.00	AB
ACALA IMPERIAL	442.00	AB
ACALA 3080	440.00	AB
CAL. 12302-89	439.00	AB
COKER 201	437.00	B

AREALOMETER -D

S155	35.00	A
CAL. 12302-589	35.00	A
DELTAPINE 16	34.00	A
ACALA SJ-1	34.00	A
STONEVILLE 7A	34.00	A
HOPICALA	34.00	A
ACALA IMPERIAL	33.00	A
ARIZ. 6218	33.00	A
CAL. 12302-89	31.00	A
ACALA 1517V	30.00	A
ACALA 3080	30.00	A
COKER 201	30.00	A
PAYMASTER 54B	30.00	A
ACALA 1517D	30.00	A

COLORIMETER -RD

DELTAPINE 16	79.00	A
CAL. 12302-589	78.00	AB
ACALA 1517V	78.00	AB
HOPICALA	78.00	AB
COKER 201	78.00	AB
STONEVILLE 7A	77.00	BC
PAYMASTER 54B	77.00	BC
ACALA 1517D	77.00	BC
ACALA 3080	77.00	BC
ACALA SJ-1	77.00	BC
CAL. 12302-89	77.00	BC
ARIZ. 6218	77.00	BC
S155	77.00	BC
ACALA IMPERIAL	76.00	C

COLORIMETER -B

COKER 201	8.40	A
ACALA IMPERIAL	8.40	A
CAL. 12302-589	8.40	A
ACALA 3080	8.30	AB
CAL. 12302-89	8.30	AB
HOPICALA	8.30	AB
ACALA 1517D	8.20	AB
PAYMASTER 54B	8.20	AB
ACALA SJ-1	8.20	AB
S155	8.10	AB
ARIZ. 6218	8.10	AB
STONEVILLE 7A	8.10	AB
DELTAPINE 16	8.00	AB
ACALA 1517V	7.90	B

1968 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN LENGTH		22'S
	LB. LINT PER ACRE		GRAM PER BOLL	NO. PER LB.	PCT.	INDEX	50 PCT.	2.5 PCT.	
SHAFTER, CALIF.									
ARIZ. 6218	1070	A	6.85	67	36.1	12.6	.49	1.10	147
ACALA 1517V	1047	AB	7.40	61	34.5	14.3	.52	1.19	150
CAL. 12302-89	1008	ABC	7.40	61	35.0	14.0	.50	1.10	142
S155	992	ABCD	7.00	65	33.3	14.4	.49	1.15	142
ACALA SJ-1	965	ABCDE	7.35	62	34.4	14.3	.49	1.12	144
HOPICALA	926	ABCDE	7.10	64	34.8	14.5	.51	1.14	151
CAL. 12302-589	887	BCDEF	7.70	59	34.3	15.4	.46	1.13	136
ACALA 3080	860	CDEF	6.70	68	33.7	13.4	.51	1.18	155
COKER 201	846	CDEF	6.45	71	37.9	11.5	.45	1.07	115
DELTAPINE 16	831	DEF	6.35	72	35.5	11.5	.45	1.11	119
ACALA 1517D	823	EF	7.10	64	32.8	14.4	.50	1.17	153
STONEVILLE 7A	756	FG	5.85	78	34.7	11.4	.41	1.05	105
ACALA IMPERIAL	634	GH	6.80	67	34.9	12.5	.45	1.07	125
PAYMASTER 54B	571	H	6.50	70	38.1	11.6	.42	0.91	99
BRAWLEY, CALIF.									
STONEVILLE 7A	1693	A	4.80	95	36.6	10.4	.47	1.12	116
CAL. 12302-89	1565	B	6.03	75	36.1	13.1	.53	1.13	152
ARIZ. 6218	1515	B	5.73	79	37.2	10.9	.49	1.08	146
ACALA IMPERIAL	1512	B	5.80	78	36.1	11.4	.50	1.12	145
CAL. 12302-589	1512	B	6.31	72	36.1	13.5	.53	1.15	145
COKER 201	1486	BC	5.57	82	37.4	10.9	.47	1.08	123
DELTAPINE 16	1433	BCD	5.31	85	37.4	10.4	.50	1.13	127
ACALA SJ-1	1362	CDE	6.51	70	36.3	13.8	.52	1.14	148
ACALA 1517V	1327	DE	6.03	76	35.2	13.1	.53	1.21	162
HOPICALA	1327	DE	6.61	69	37.7	12.9	.52	1.12	153
S155	1303	DE	5.90	77	34.6	13.3	.52	1.16	147
ACALA 1517D	1299	DE	6.31	72	34.8	13.1	.54	1.17	162
ACALA 3080	1226	EF	5.71	80	36.0	12.7	.54	1.18	161
PAYMASTER 54B	1151	F	6.26	73	36.5	11.4	.45	0.96	115
YUMA, ARIZ.									
STONEVILLE 7A	2072	A	5.25	87	35.3	11.1	.51	1.16	117
DELTAPINE 16	1920	AB	5.85	78	36.4	10.9	.50	1.13	121
COKER 201	1805	BC	5.90	77	36.9	11.5	.51	1.15	118
CAL. 12302-589	1729	CD	6.75	68	34.2	14.8	.53	1.16	147
CAL. 12302-89	1708	CD	6.70	68	34.1	14.0	.55	1.17	142
ARIZ. 6218	1578	DE	6.25	73	35.1	12.3	.54	1.17	150
ACALA IMPERIAL	1559	DE	6.25	73	33.3	13.4	.56	1.19	141
ACALA SJ-1	1521	EF	6.45	71	33.9	14.7	.54	1.18	151
HOPICALA	1504	EFG	6.75	68	35.4	14.0	.57	1.17	151
ACALA 1517V	1501	EFG	6.50	70	33.3	14.5	.56	1.22	161
S155	1355	FGH	6.20	74	32.6	14.4	.56	1.22	151
ACALA 1517D	1335	GH	6.75	68	31.7	14.8	.58	1.24	161
ACALA 3080	1236	HI	5.80	79	33.4	13.7	.54	1.19	167
PAYMASTER 54B	1127	I	6.60	69	35.1	12.2	.46	0.98	110

1968 WESTERN REGIONAL COTTON VARIETY TEST

SHAFTER, CALIF.

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
ARIZ. 6218	3.38	1.12	0.93	42.3	22.9	7.0	516	55	74	7.5
ACALA 1517V	3.41	1.24	1.02	42.1	22.8	6.9	509	47	75	7.2
CAL. 12302-89	3.91	1.17	0.98	41.8	21.7	6.7	476	40	74	7.5
S155	3.44	1.20	0.98	42.1	21.1	7.2	525	45	73	7.5
ACALA SJ-1	3.70	1.16	0.96	42.0	21.7	7.3	483	36	73	7.5
HOPICALA	3.36	1.15	0.96	43.8	23.0	7.2	526	53	73	7.5
CAL. 12302-589	3.45	1.17	0.93	42.2	21.0	6.7	514	55	73	7.7
ACALA 3080	3.50	1.25	1.03	46.1	24.3	6.4	507	45	74	7.5
COKER 201	3.99	1.11	0.89	38.0	18.1	7.2	454	40	75	7.0
DELTAPINE 16	3.19	1.14	0.88	34.8	18.3	9.7	543	52	75	7.0
ACALA 1517D	3.67	1.23	1.02	42.5	23.1	7.2	488	43	73	7.2
STONEVILLE 7A	3.25	1.09	0.84	37.5	17.5	6.9	525	54	73	7.2
ACALA IMPERIAL	3.14	1.09	0.86	39.4	19.9	7.5	538	59	74	7.2
PAYMASTER 54B	3.34	0.96	0.79	32.5	16.5	9.8	525	53	74	7.5

BRAWLEY, CALIF.

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
STONEVILLE 7A	4.46	1.18	0.98	42.6	18.4	5.6	423	29	76	7.7
CAL. 12302-89	4.72	1.20	1.05	44.8	24.1	5.7	418	28	77	8.0
ARIZ. 6218	4.09	1.15	1.00	46.1	23.8	5.8	455	28	77	7.7
ACALA IMPERIAL	4.50	1.17	1.03	43.1	23.1	6.1	422	26	75	8.5
CAL. 12302-589	4.55	1.23	1.04	45.0	22.8	6.1	423	27	77	8.2
COKER 201	4.71	1.15	0.96	42.8	19.6	5.5	404	20	77	8.2
DELTAPINE 16	4.65	1.19	1.02	37.7	20.1	8.0	414	25	79	8.0
ACALA SJ-1	4.40	1.22	1.04	44.8	23.5	6.0	424	28	76	8.0
ACALA 1517V	4.00	1.27	1.07	46.4	24.6	5.9	456	26	77	7.7
HOPICALA	4.12	1.20	1.03	43.6	23.3	6.2	443	32	79	8.0
S155	4.26	1.24	1.06	44.5	24.5	6.0	441	31	76	8.0
ACALA 1517D	4.35	1.28	1.09	42.2	23.9	5.8	438	29	77	8.0
ACALA 3080	4.30	1.24	1.06	48.4	25.2	5.8	435	21	79	8.2
PAYMASTER 54B	4.51	1.02	0.87	36.2	18.4	8.0	420	24	76	8.0

YUMA, ARIZ.

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
STONEVILLE 7A	4.76	1.18	0.97	41.3	18.1	6.0	405	30	73	7.7
DELTAPINE 16	4.83	1.16	0.96	37.0	18.8	8.0	412	26	79	8.2
COKER 201	4.89	1.15	0.93	40.5	19.2	6.1	413	29	76	9.2
CAL. 12302-589	4.76	1.20	1.01	43.4	22.8	6.3	419	36	77	9.0
CAL. 12302-89	4.77	1.18	1.03	42.7	22.1	6.7	415	26	74	8.7
ARIZ. 6218	4.16	1.18	0.99	42.9	22.3	6.4	452	35	77	9.0
ACALA IMPERIAL	4.35	1.15	0.98	43.7	21.9	6.1	419	25	75	8.7
ACALA SJ-1	4.66	1.21	1.04	43.7	23.3	6.5	427	31	76	8.7
HOPICALA	4.34	1.18	1.03	44.6	22.9	6.5	438	28	76	8.7
ACALA 1517V	4.23	1.25	1.06	45.1	23.2	6.1	449	31	75	8.2
S155	4.38	1.25	1.06	42.2	23.4	6.8	435	41	72	8.2
ACALA 1517D	4.37	1.27	1.06	44.0	24.5	6.3	443	30	75	8.7
ACALA 3080	4.34	1.25	1.07	47.2	24.1	6.1	443	30	76	8.7
PAYMASTER 54B	4.55	0.97	0.82	37.0	17.9	8.1	422	24	78	8.2

1968 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
PHOENIX, ARIZ.									
STONEVILLE 7A	1545	A	5.70	80	35.9	11.5	.51	1.17	123
DELTAPINE 16	1523	A	6.10	74	37.0	11.2	.55	1.20	123
COKER 201	1324	B	6.45	71	38.0	12.0	.50	1.13	122
HOPICALA	1142	C	7.50	60	36.5	14.3	.57	1.18	146
CAL. 12302-89	1108	CD	7.50	61	33.5	15.0	.57	1.15	146
ACALA 1517V	1103	CD	7.10	64	34.1	14.6	.56	1.23	154
ACALA IMPERIAL	1065	CD	7.05	65	34.5	13.6	.56	1.17	140
CAL. 12302-589	1044	CD	7.60	60	34.3	15.1	.55	1.20	141
S155	1036	DE	7.55	60	32.5	15.5	.62	1.26	145
ACALA 1517D	1023	DE	7.35	62	32.7	15.0	.60	1.23	153
ACALA SJ-1	1016	DE	7.70	59	34.3	15.5	.57	1.21	143
ARIZ. 6218	1006	DE	6.70	68	36.1	12.4	.54	1.15	149
ACALA 3080	938	EF	6.85	67	33.9	14.3	.62	1.26	164
PAYMASTER 54B	883	F	6.90	66	35.5	12.8	.48	0.97	106
MARANA, ARIZ.									
DELTAPINE 16	1216	A	6.25	73	38.1	11.5	.52	1.19	115
STONEVILLE 7A	1188	A	5.50	82	37.1	11.3	.51	1.18	113
ARIZ. 6218	1083	B	6.85	67	37.9	12.3	.55	1.15	134
COKER 201	1042	BC	6.80	67	39.8	11.8	.53	1.15	116
CAL. 12302-89	992	BCD	7.05	65	35.0	15.0	.55	1.19	129
ACALA IMPERIAL	987	BCD	7.35	62	35.7	13.9	.52	1.13	125
HOPICALA	977	CD	7.35	58	36.9	14.5	.55	1.17	140
ACALA SJ-1	950	CDF	7.30	63	35.4	14.3	.54	1.20	131
CAL. 12302-589	942	CDEF	7.55	60	35.7	15.6	.55	1.21	138
ACALA 1517V	926	DEF	7.20	63	35.4	14.0	.59	1.25	147
S155	903	DEF	7.35	62	34.6	14.9	.54	1.24	139
ACALA 1517D	875	EFG	7.50	61	33.2	15.2	.59	1.26	147
ACALA 3080	848	FG	6.95	66	35.7	13.9	.55	1.22	154
PAYMASTER 54B	797	G	7.25	63	37.9	11.9	.46	0.98	103
LAS CRUCES, N. MEX.									
ARIZ. 6218	1024	A	6.85	66	39.1	10.8	.50	1.11	140
ACALA 3080	925	AB	7.95	57	36.8	13.0	.51	1.15	146
ACALA 1517V	900	B	7.93	57	36.8	12.4	.54	1.18	143
DELTAPINE 16	872	BC	6.21	73	38.2	8.9	.50	1.14	119
HOPICALA	862	BC	7.80	59	38.0	13.7	.51	1.13	144
CAL. 12302-89	832	BCD	7.07	65	36.6	13.5	.50	1.11	137
S155	816	BCD	7.15	63	35.7	12.9	.50	1.15	138
CAL. 12302-589	812	BCD	7.50	61	36.8	12.8	.51	1.17	135
ACALA 1517D	806	BCD	7.17	64	35.6	13.1	.53	1.18	150
ACALA SJ-1	805	BCD	7.02	65	36.4	13.2	.52	1.14	138
STONEVILLE 7A	759	CD	5.96	76	37.6	10.7	.45	1.08	108
COKER 201	751	CD	6.29	72	40.7	9.7	.44	1.08	106
PAYMASTER 54B	725	D	6.72	68	40.1	10.0	.45	0.95	102
ACALA IMPERIAL	576	E	6.86	66	36.2	11.3	.47	1.06	125

1968 WESTERN REGIONAL COTTON VARIETY TEST

PHOENIX, ARIZ.

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
STONEVILLE 7A	4.88	1.22	1.02	39.2	18.5	6.1	391	16	78	9.0
DELTAPINE 16	4.84	1.22	1.00	34.3	18.2	8.9	405	30	78	8.5
COKER 201	5.02	1.15	0.97	38.1	18.2	6.5	388	20	78	9.0
HOPICALA	4.64	1.21	1.04	40.7	21.3	6.5	428	23	78	9.0
CAL. 12302-89	4.95	1.22	1.04	40.7	21.8	6.6	399	17	76	9.0
ACALA 1517V	4.29	1.27	1.09	41.4	22.6	6.2	431	23	78	8.5
ACALA IMPERIAL	4.69	1.18	1.00	39.4	20.5	7.0	410	28	77	8.7
CAL. 12302-589	4.87	1.27	1.10	40.9	22.2	7.0	411	23	76	9.0
S155	4.56	1.30	1.09	38.8	20.8	6.8	426	28	78	8.5
ACALA 1517D	4.63	1.27	1.10	40.6	22.4	6.8	420	26	77	9.0
ACALA SJ-1	4.76	1.25	1.06	41.2	22.0	7.2	414	31	76	8.7
ARIZ. 6218	4.68	1.20	1.00	41.1	21.4	6.4	431	23	76	8.5
ACALA 3080	4.49	1.26	1.07	44.9	23.9	6.1	423	19	75	9.0
PAYMASTER 54B	4.76	1.01	0.87	34.0	17.4	8.1	402	19	78	8.7

MARANA, ARIZ.

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
DELTAPINE 16	4.80	1.27	1.08	33.4	17.8	9.6	417	32	80	9.0
STONEVILLE 7A	4.64	1.22	0.99	36.5	17.4	7.7	406	16	77	9.0
ARIZ. 6218	4.85	1.19	1.00	40.3	20.8	6.3	423	18	78	9.0
COKER 201	4.91	1.21	1.02	34.4	17.7	7.9	408	17	79	9.0
CAL. 12302-89	4.57	1.24	1.09	40.0	21.4	6.9	400	21	78	9.0
ACALA IMPERIAL	4.75	1.20	1.03	40.0	20.0	7.1	405	26	75	9.5
HOPICALA	4.60	1.21	1.05	38.8	21.8	6.0	423	24	78	9.0
ACALA SJ-1	4.76	1.25	1.05	39.8	21.4	7.1	409	25	78	9.0
CAL. 12302-589	4.67	1.29	1.08	40.0	20.6	6.8	413	31	77	9.0
ACALA 1517V	4.39	1.30	1.08	39.7	21.6	6.9	443	20	78	8.5
S155	4.34	1.30	1.10	39.2	20.8	7.0	423	30	77	9.0
ACALA 1517D	4.56	1.27	1.11	38.3	21.5	7.7	434	13	78	8.7
ACALA 3080	4.55	1.28	1.08	43.4	22.0	7.1	307	20	76	9.0
PAYMASTER 54B	4.89	1.02	0.88	31.3	16.3	9.7	403	14	76	8.5

LAS CRUCES, N. MEX.

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
ARIZ. 6218	3.79	1.13	0.91	36.8	20.1	7.5	473	37	78	8.0
ACALA 3080	4.20	1.21	0.99	40.9	20.5	6.6	491	48	77	8.2
ACALA 1517V	3.74	1.26	1.05	39.6	21.4	6.5	481	30	79	7.7
DELTAPINE 16	3.86	1.17	0.93	32.9	17.5	10.7	477	42	80	7.7
HOPICALA	3.54	1.16	0.95	39.7	21.7	7.5	499	42	78	8.0
CAL. 12302-89	3.66	1.15	0.94	36.7	21.2	7.5	478	41	78	8.0
S155	3.59	1.18	0.94	38.5	21.3	7.4	489	38	79	8.5
CAL. 12302-589	3.44	1.21	0.98	39.7	20.6	7.6	497	45	80	8.0
ACALA 1517D	3.38	1.24	0.99	38.0	22.3	7.7	509	36	79	8.2
ACALA SJ-1	3.52	1.18	0.96	36.6	21.1	7.5	494	51	79	8.2
STONEVILLE 7A	3.67	1.12	0.87	35.9	16.4	6.7	466	37	77	8.2
COKER 201	3.10	1.05	0.80	36.0	17.8	10.0	518	50	79	9.2
PAYMASTER 54B	3.72	0.97	0.78	31.5	16.3	9.5	470	33	79	8.2
ACALA IMPERIAL	3.16	1.08	0.85	36.0	19.8	7.2	484	48	78	8.5

1968 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
PECOS, TEX.									
STONEVILLE 7A	1091	A	5.28	86	37.4	10.4	.48	1.12	114
HOPICALA	1067	AB	7.07	64	38.7	12.9	.50	1.10	137
ARIZ. 6218	1038	AB	6.44	71	39.0	11.5	.52	1.13	138
CAL. 12302-589	1008	ABC	6.97	65	37.7	13.6	.52	1.17	131
ACALA 1517D	1007	ABC	6.12	75	36.4	13.3	.57	1.20	144
DELTAPINE 16	997	ABC	5.53	82	38.5	10.5	.48	1.12	109
CAL. 12302-89	992	ABC	6.42	71	37.4	13.4	.54	1.16	139
ACALA SJ-1	992	ABC	6.77	67	37.0	13.3	.53	1.17	133
S155	951	ABC	6.32	72	36.8	13.3	.54	1.19	138
COKER 201	919	ABC	5.60	81	40.5	10.7	.49	1.12	109
ACALA IMPERIAL	900	ABC	6.89	66	37.2	12.1	.48	1.08	128
ACALA 1517V	888	BC	6.32	72	36.4	13.3	.55	1.21	147
ACALA 3080	828	C	6.58	69	37.5	12.8	.52	1.14	145
PAYMASTER 54B	649	D	5.92	77	39.9	10.3	.46	0.94	99
ARTESIA, N.MEX.									
COKER 201	969	A	6.70	68	38.7	11.4	.47	1.11	110
PAYMASTER 54B	954	A	7.16	64	38.9	10.9	.47	0.98	96
CAL. 12302-89	820	B	7.16	64	34.6	13.2	.55	1.15	125
ACALA 1517V	802	BC	7.26	63	35.1	13.2	.58	1.28	150
CAL. 12302-589	797	BC	7.73	59	34.6	14.3	.52	1.19	134
ARIZ. 6218	788	BC	7.00	65	37.8	11.5	.52	1.15	133
ACALA SJ-1	773	BC	7.87	58	33.9	14.5	.56	1.21	132
ACALA 1517D	768	BC	7.87	58	33.1	13.2	.58	1.24	142
HOPICALA	718	BC	8.13	56	36.1	14.2	.56	1.21	141
ACALA 3080	705	BC	7.36	62	35.3	13.1	.56	1.22	151
DELTAPINE 16	703	BC	6.00	76	35.2	11.2	.50	1.14	111
S155	696	BC	7.43	61	32.4	13.4	.53	1.22	132
STONEVILLE 7A	685	C	6.16	74	33.9	11.2	.45	1.11	109
ACALA IMPERIAL	672	C	7.40	61	33.7	12.5	.50	1.13	127
PAHRUMP, NEV.									
ACALA SJ-1	1003	A	5.78	80	34.6	13.5	.49	1.11	132
ARIZ. 6218	992	A	5.18	88	38.6	11.8	.50	1.08	122
CAL. 12302-589	991	A	5.62	82	37.0	13.3	.46	1.10	119
STONEVILLE 7A	916	AB	4.70	97	33.6	12.0	.45	1.11	118
S155	912	AB	5.08	90	36.2	13.7	.52	1.16	142
HOPICALA	910	AB	5.62	81	36.9	11.2	.47	1.10	123
ACALA 1517D	895	AB	5.11	94	36.1	13.7	.45	1.09	134
ACALA IMPERIAL	873	AB	5.72	80	36.8	14.0	.50	1.10	128
CAL. 12302-89	843	AB	5.12	89	36.3	13.7	.52	1.12	134
DELTAPINE 16	832	AB	4.80	95	36.6	10.5	.47	1.07	105
COKER 201	816	AB	4.48	102	37.9	11.0	.43	1.02	105
ACALA 1517V	796	AB	5.02	92	36.9	13.5	.50	1.14	136
ACALA 3080	793	AB	5.04	91	35.9	11.0	.45	1.08	136
PAYMASTER 54B	699	B	5.84	78	36.9	13.1	.48	1.11	116

1968 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	T0	T1	E1	A	D	RD	B
				PECOS, TEX.						
STONEVILLE 7A	4.46	1.16	0.91	36.6	17.4	6.3	448	38	78	8.0
HOPICALA	4.12	1.17	0.99	37.3	20.6	7.1	439	26	80	8.0
ARIZ. 6218	4.09	1.13	0.93	38.5	20.2	6.6	457	30	79	8.0
CAL. 12302-589	4.55	1.21	0.96	38.3	19.9	6.9	434	27	78	8.0
ACALA 1517D	4.39	1.26	1.08	36.6	20.8	7.8	444	30	78	8.0
DELTAPINE 16	4.65	1.16	0.91	31.1	16.1	9.9	427	24	80	8.5
CAL. 12302-89	4.72	1.23	1.02	38.4	20.7	7.1	442	38	79	8.5
ACALA SJ-1	4.40	1.22	0.95	37.7	19.6	7.2	459	39	78	7.7
S155	4.26	1.24	0.98	37.3	20.1	7.3	457	29	77	7.5
COKER 201	4.71	1.16	0.90	34.9	17.5	7.3	449	40	79	8.5
ACALA IMPERIAL	4.50	1.14	0.93	37.3	19.8	6.8	385	26	78	8.5
ACALA 1517V	4.00	1.27	1.02	39.6	21.1	6.2	465	38	80	7.7
ACALA 3080	4.30	1.19	0.96	43.3	22.0	6.0	439	27	78	8.0
PAYMASTER 54B	4.51	0.97	0.80	30.9	16.4	9.3	442	34	79	8.2
				ARTESIA, N.MEX.						
COKER 201	3.80	1.13	0.93	30.2	14.9	9.2	482	30	79	8.7
PAYMASTER 54B	3.61	1.03	0.89	27.4	14.4	11.0	494	33	77	8.5
CAL. 12302-89	3.85	1.20	1.04	32.9	18.4	9.0	482	34	78	8.5
ACALA 1517V	3.61	1.34	1.16	36.1	19.7	7.8	508	27	80	8.2
CAL. 12302-589	3.51	1.25	1.05	34.1	19.0	8.3	507	41	80	8.7
ARIZ. 6218	3.54	1.18	1.02	34.4	19.7	8.9	504	28	79	8.0
ACALA SJ-1	3.70	1.25	1.08	33.3	18.5	8.6	494	40	79	8.2
ACALA 1517D	3.57	1.28	1.12	34.7	20.1	8.8	513	34	80	8.7
HOPICALA	3.63	1.25	1.08	36.5	20.1	8.5	501	39	80	8.5
ACALA 3080	3.71	1.28	1.09	39.2	19.8	7.5	483	29	78	8.5
DELTAPINE 16	3.45	1.17	0.96	28.5	16.4	11.7	514	49	80	8.2
S155	3.44	1.27	1.09	33.0	18.8	9.0	518	52	80	8.5
STONEVILLE 7A	3.69	1.14	0.93	32.4	15.8	8.0	492	37	79	8.5
ACALA IMPERIAL	3.71	1.17	1.02	31.8	17.4	8.7	491	35	78	8.5
				PAHRUMP, NEV.						
ACALA SJ-1	4.35	1.17	0.99	38.7	20.6	7.1	422	26	79	8.0
ARIZ. 6218	4.18	1.14	0.95	37.2	19.1	7.7	463	47	79	7.0
CAL. 12302-589	4.62	1.11	0.89	39.7	20.6	6.9	422	33	81	8.0
STONEVILLE 7A	4.55	1.11	0.83	37.5	18.9	7.1	479	48	81	7.0
S155	4.48	1.27	1.08	40.9	22.1	7.0	456	26	81	7.5
HOPICALA	4.45	1.11	0.91	37.5	17.6	7.3	447	42	80	8.0
ACALA 1517D	4.45	1.25	1.06	40.0	22.3	7.4	436	33	80	7.0
ACALA IMPERIAL	4.68	1.12	0.94	37.8	20.1	7.1	425	25	78	7.5
CAL. 12302-89	4.85	1.16	0.99	39.4	21.2	7.2	446	34	81	7.5
DELTAPINE 16	4.55	1.14	0.96	31.8	17.4	9.7	438	30	82	7.0
COKER 201	4.28	1.11	0.89	35.8	18.0	7.3	416	27	81	7.5
ACALA 1517V	4.08	1.20	1.00	40.9	21.2	7.3	460	31	82	7.5
ACALA 3080	3.88	1.18	0.97	41.5	22.5	6.6	430	30	82	7.5
PAYMASTER 54B	4.68	1.06	0.84	38.8	19.4	7.3	438	33	80	8.0

1968 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
ACALA SJ-1	953 A	7.66	59	35.8	14.4	.51	1.14	143
HOPICALA	903 B	8.01	57	37.0	13.6	.50	1.11	150
ACALA 1517D	855 C	7.68	59	33.8	14.4	.53	1.20	158
ACALA 4-42	854 C	8.56	53	38.8	14.0	.51	1.12	145

SUBREGIONAL SUMMARY COMBINING KERN LAKE, LEMOORE, TULARE AND DOS PALOS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
ACALA SJ-1	1055 A	7.82	58	35.6	14.4	.52	1.14	143
HOPICALA	997 AB	8.13	56	36.8	13.7	.51	1.12	152
ACALA 4-42	956 BC	8.87	51	38.8	14.1	.51	1.11	145
STONEVILLE 7A	948 BC	6.25	73	35.1	11.8	.45	1.10	111
ACALA 1517D	929 BC	7.83	58	33.4	14.6	.53	1.20	159
COKER 201	904 C	6.90	66	38.1	11.5	.44	1.06	116
PAYMASTER 548	635 D	7.15	64	37.9	11.6	.43	0.95	110

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
KERN LAKE, CAL	1431 A	8.14	56	35.3	13.5	.53	1.16	146
TRANQ'TY, CAL.	1035 B	7.78	59	36.8	13.8	.50	1.15	143
LEMOORE, CAL.	991 B	8.27	56	35.7	14.8	.54	1.17	160
COALINGA, CAL.	834 C	8.16	56	35.9	14.1	.50	1.12	148
K'RNEY P., CAL	829 CD	7.69	59	36.1	14.4	.53	1.16	156
DOS PALOS, CAL	778 DE	8.15	56	36.8	14.2	.50	1.13	150
WOODVILLE, CAL	762 E	.00	0	.0	.0	.51	1.16	147
TULARE, CAL.	738 E	8.09	56	36.7	14.3	.49	1.11	143
CHOWCH'IA, CAL	628 F	7.52	60	37.2	13.7	.50	1.12	148

1968 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
ACALA SJ-1	4.05	1.18	0.99	42.2	21.1	6.6	455	34	74	7.6
HOPICALA	3.85	1.16	0.97	44.0	22.7	6.5	472	32	75	7.4
ACALA 1517D	3.77	1.23	1.04	42.7	23.0	6.9	480	31	75	7.3
ACALA 4-42	4.10	1.17	1.00	40.5	21.6	7.4	466	41	75	7.4

SUBREGIONAL SUMMARY COMBINING KERN LAKE, LEMOORE, TULARE AND DOS PALOS

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
ACALA SJ-1	4.10	1.17	0.97	42.4	20.4	6.2	455	35	74	7.4
HOPICALA	3.84	1.16	0.96	43.9	22.7	6.2	475	32	75	7.2
ACALA 4-42	4.31	1.16	0.98	40.6	21.6	7.1	464	41	76	7.2
STONEVILLE 7A	3.74	1.10	0.85	38.2	18.1	5.8	477	36	74	6.6
ACALA 1517D	3.71	1.23	1.01	42.6	23.2	6.5	486	33	75	7.1
COKER 201	3.90	1.08	0.84	38.0	18.4	6.4	470	39	74	7.1
PAYMASTER 54B	3.95	0.95	0.77	35.1	18.1	8.1	466	34	75	7.2

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
KERN LAKE, CAL	4.59	1.21	1.04	41.4	22.2	6.8	446	31	72	7.6
TRANQ'TY, CAL.	4.00	1.19	1.03	41.5	21.8	7.6	460	34	75	7.7
LEMOORE, CAL.	3.99	1.21	1.01	43.5	22.8	6.8	461	37	76	7.5
COALINGA, CAL.	4.19	1.18	1.01	43.3	22.5	7.1	442	28	77	8.1
K'RNEY P., CAL	3.85	1.20	1.03	42.7	22.8	7.1	470	37	74	7.7
DOS PALOS, CAL	3.73	1.16	0.94	42.8	21.5	5.9	482	32	75	6.6
WOODVILLE, CAL	3.67	1.21	1.04	42.0	22.0	7.2	484	39	74	7.1
TULARE, CAL.	3.65	1.14	0.94	41.8	21.4	6.6	490	41	76	7.4
CHOWCH'IA, CAL	3.79	1.15	0.96	42.0	21.9	6.4	479	33	72	7.0

1968 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL		
ACALA 4-42	8.87	A
HOPICALA	8.13	B
ACALA 1517D	7.83	B
ACALA SJ-1	7.82	B
PAYMASTER 54B	7.15	C
COKER 201	6.90	C
STONEVILLE 7A	6.25	D

BOLL SIZE, NO. PER LB.		
STONEVILLE 7A	73.00	A
COKER 201	66.00	B
PAYMASTER 54B	64.00	B
ACALA SJ-1	58.00	C
ACALA 1517D	58.00	C
HOPICALA	56.00	C
ACALA 4-42	51.00	D

LINT PCT.		
ACALA 4-42	38.80	A
COKER 201	38.10	AB
PAYMASTER 54B	37.90	AB
HOPICALA	36.80	BC
ACALA SJ-1	35.60	CD
STONEVILLE 7A	35.10	D
ACALA 1517D	33.40	E

SEED INDEX		
ACALA 1517D	14.60	A
ACALA SJ-1	14.40	A
ACALA 4-42	14.10	A
HOPICALA	13.70	A
STONEVILLE 7A	11.80	B
PAYMASTER 54B	11.60	B
COKER 201	11.50	B

SPAN LENGTH, 50 PCT.		
ACALA 1517D	.53	A
ACALA SJ-1	.52	A
HOPICALA	.51	A
ACALA 4-42	.51	A
STONEVILLE 7A	.45	B
COKER 201	.44	B
PAYMASTER 54B	.43	B

SPAN LENGTH, 2.5 PCT.		
ACALA 1517D	1.20	A
ACALA SJ-1	1.14	B
HOPICALA	1.12	BC
ACALA 4-42	1.11	C
STONEVILLE 7A	1.10	C
COKER 201	1.06	D
PAYMASTER 54B	.95	E

22'S		
ACALA 1517D	159.00	A
HOPICALA	152.00	B
ACALA 4-42	145.00	C
ACALA SJ-1	143.00	C
COKER 201	116.00	D
STONEVILLE 7A	111.00	D
PAYMASTER 54B	110.00	D

MICRONAIRE		
ACALA 4-42	4.31	A
ACALA SJ-1	4.10	AB
PAYMASTER 54B	3.95	AB
COKER 201	3.90	AB
HOPICALA	3.84	AB
STONEVILLE 7A	3.74	AB
ACALA 1517D	3.71	B

DRAWING SLIVER, UHM		
ACALA 1517D	1.23	A
ACALA SJ-1	1.17	B
ACALA 4-42	1.16	B
HOPICALA	1.16	B
STONEVILLE 7A	1.10	C
COKER 201	1.08	C
PAYMASTER 54B	.95	D

1968 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, MEAN		
ACALA 1517D	1.01	A
ACALA 4-42	.98	A
ACALA SJ-1	.97	A
HOPICALA	.96	A
STONEVILLE 7A	.85	B
COKER 201	.84	B
PAYMASTER 54B	.77	C

UNIFORMITY RATIO		
ACALA 4-42	84.00	A
ACALA 1517D	83.00	A
ACALA SJ-1	83.00	A
HOPICALA	83.00	A
PAYMASTER 54B	81.00	A
COKER 201	78.00	B
STONEVILLE 7A	78.00	B

STELOMETER - TO		
HOPICALA	43.90	A
ACALA 1517D	42.60	AB
ACALA SJ-1	42.40	B
ACALA 4-42	40.60	C
STONEVILLE 7A	38.20	D
COKER 201	38.00	D
PAYMASTER 54B	35.10	E

STELOMETER - T1		
ACALA 1517D	23.20	A
HOPICALA	22.70	A
ACALA 4-42	21.60	AB
ACALA SJ-1	20.40	B
COKER 201	18.40	C
PAYMASTER 54B	18.10	C
STONEVILLE 7A	18.10	C

STELOMETER - E1		
PAYMASTER 54B	8.10	A
ACALA 4-42	7.10	B
ACALA 1517D	6.50	BC
COKER 201	6.40	BC
ACALA SJ-1	6.20	C
HOPICALA	6.20	C
STONEVILLE 7A	5.80	C

AREALOMETER - A		
ACALA 1517D	486.00	A
STONEVILLE 7A	477.00	A
HOPICALA	475.00	A
COKER 201	470.00	A
PAYMASTER 54B	466.00	A
ACALA 4-42	464.00	A
ACALA SJ-1	455.00	A

AREALOMETER -D		
ACALA 4-42	41.00	A
COKER 201	39.00	A
STONEVILLE 7A	36.00	A
ACALA SJ-1	35.00	A
PAYMASTER 54B	34.00	A
ACALA 1517D	33.00	A
HOPICALA	32.00	A

COLORIMETER -RD		
ACALA 4-42	76.00	A
PAYMASTER 54B	75.00	A
HOPICALA	75.00	A
ACALA 1517D	75.00	A
ACALA SJ-1	74.00	A
COKER 201	74.00	A
STONEVILLE 7A	74.00	A

COLORIMETER -B		
ACALA SJ-1	7.40	A
PAYMASTER 54B	7.20	A
HOPICALA	7.20	A
ACALA 4-42	7.20	A
COKER 201	7.10	A
ACALA 1517D	7.10	A
STONEVILLE 7A	6.60	B

1968 SAN JOAQUIN VALLEY CONTINUOUS COTTUN VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
CHOWCHILLA, CAL.								
ACALA SJ-1	709 A	7.19	63	36.2	14.0	.50	1.11	146
ACALA 1517D	615 B	7.49	61	35.2	14.0	.51	1.16	156
HOPICALA	600 B	7.48	61	38.0	12.9	.48	1.09	150
ACALA 4-42	587 B	7.93	57	39.4	13.8	.48	1.10	141
KEARNEY, PARK, CAL.								
ACALA SJ-1	897 A	7.59	60	36.0	14.7	.53	1.16	150
HOPICALA	844 AB	7.72	59	36.6	13.8	.50	1.13	156
ACALA 1517D	798 B	7.43	61	33.4	14.6	.53	1.20	163
ACALA 4-42	776 B	8.03	57	38.5	14.5	.54	1.14	154
TRANQUILITY, CAL.								
ACALA SJ-1	1106 A	7.21	63	36.3	14.7	.50	1.14	138
HOPICALA	1085 A	8.01	57	37.2	13.2	.50	1.11	147
ACALA 1517D	999 B	7.50	61	34.3	13.9	.53	1.22	154
ACALA 4-42	950 B	8.38	54	39.2	13.3	.47	1.12	136
COALINGA, CAL.								
ACALA SJ-1	892 A	8.05	57	35.0	14.3	.51	1.13	141
HOPICALA	847 B	8.32	55	37.1	14.0	.47	1.08	147
ACALA 1517D	824 B	7.66	59	33.6	14.0	.52	1.17	158
ACALA 4-42	772 C	8.60	53	38.0	14.0	.50	1.11	146
WOODVILLE, CAL.								
ACALA 4-42	777 A					.51	1.13	145
HOPICALA	769 A					.48	1.14	143
ACALA SJ-1	759 A					.51	1.16	144
ACALA 1517D	744 A					.52	1.21	157

1968 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
CHOWCHILLA, CAL.										
ACALA SJ-1	3.82	1.14	0.94	41.3	20.8	6.3	472	34	72	7.0
ACALA 1517D	3.59	1.20	1.00	42.3	23.3	6.7	494	32	73	7.0
HOPICALA	3.87	1.12	0.93	43.3	21.9	5.9	475	28	73	7.0
ACALA 4-42	3.89	1.15	0.95	41.0	21.7	6.7	476	37	73	7.0
KEARNEY PARK, CAL.										
ACALA SJ-1	3.98	1.20	1.03	43.2	23.0	6.8	455	37	73	8.0
HOPICALA	3.67	1.16	1.00	44.7	23.6	6.8	481	39	75	7.7
ACALA 1517D	3.71	1.23	1.03	42.0	22.4	7.3	486	32	74	7.5
ACALA 4-42	4.04	1.20	1.04	40.9	22.2	7.5	458	40	75	7.5
TRANQUILITY, CAL.										
ACALA SJ-1	4.33	1.18	1.01	41.8	21.6	7.2	439	29	75	8.0
HOPICALA	3.82	1.15	0.98	43.2	21.8	7.3	464	32	76	7.5
ACALA 1517D	3.89	1.27	1.10	42.0	22.6	7.6	470	30	74	7.5
ACALA 4-42	3.95	1.17	1.01	38.9	21.0	8.3	469	44	76	7.7
COALINGA, CAL.										
ACALA SJ-1	4.24	1.17	0.99	42.5	21.5	7.0	435	29	77	8.2
HOPICALA	4.24	1.14	0.97	44.8	23.6	6.6	443	26	77	8.2
ACALA 1517D	4.20	1.24	1.07	44.6	23.0	7.1	440	21	77	8.0
ACALA 4-42	4.09	1.16	1.00	41.3	21.6	7.9	451	37	78	8.0
WOODVILLE, CAL.										
ACALA 4-42	3.69	1.17	1.02	39.6	21.5	7.6	486	44	75	7.2
HOPICALA	3.64	1.18	1.01	44.2	22.4	6.8	485	39	73	7.0
ACALA SJ-1	3.66	1.22	1.07	41.7	21.1	7.1	476	41	75	7.0
ACALA 1517D	3.68	1.25	1.06	42.5	23.0	7.2	491	34	76	7.0

1968 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

KERN LAKE, CAL.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ACALA SJ-1	1564 A	7.89	58	34.6	14.3	.54	1.18	140
HOPICALA	1449 B	8.33	55	36.2	12.2	.53	1.14	152
COKER 201	1446 B	6.62	69	36.5	10.9	.45	1.07	113
STONEVILLE 7A	1441 B	5.81	78	34.1	10.9	.46	1.12	112
ACALA 4-42	1369 C	8.80	52	38.2	13.7	.51	1.13	141
ACALA 1517D	1340 C	7.55	60	32.3	13.8	.52	1.19	153
PAYMASTER 54B	1013 D	7.07	64	36.5	11.5	.44	0.97	109

TULARE, CAL.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ACALA SJ-1	779 A	7.86	58	37.1	13.9	.50	1.11	134
HOPICOLA	752 AB	7.87	58	36.6	14.0	.48	1.70	144
ACALA 1517D	719 BC	7.95	57	34.1	15.1	.50	1.17	156
ACALA 4-42	701 BC	8.68	53	39.1	14.4	.49	1.09	139
STONEVILLE 7A	687 C	6.26	73	36.5	11.4	.43	1.07	108
COKER 201	622 D	6.61	69	38.8	11.2	.40	1.01	105
PAYMASTER 54B	418 E	7.09	64	39.6	11.1	.39	0.90	103

LEMOORE, CAL.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ACALA SJ-1	1036 A	7.67	60	35.4	14.6	.53	1.16	157
HOPICALA	1025 AB	7.94	58	36.8	14.7	.53	1.15	161
STONEVILLE 7A	1005 AB	6.58	69	34.2	12.3	.46	1.14	115
ACALA 4-42	983 B	9.25	50	38.2	14.4	.53	1.14	156
COKER 201	980 B	7.29	63	38.5	12.1	.47	1.10	128
ACALA 1517D	919 C	8.22	56	32.3	15.4	.56	1.22	167
PAYMASTER 54B	720 D	6.95	67	38.0	11.7	.46	0.98	116

DOS PALOS, CAL.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ACALA SJ-1	839 A	7.84	58	35.4	15.0	.49	1.12	142
ACALA 4-42	772 AB	8.76	52	39.5	14.0	.50	1.09	146
HOPICALA	760 AB	8.37	55	37.4	13.9	.48	1.10	153
ACALA 1517D	739 B	7.61	60	34.9	14.1	.52	1.20	159
STONEVILLE 7A	657 C	6.33	72	35.6	12.7	.44	1.08	109
COKER-201	569 D	7.06	65	38.6	11.8	.44	1.04	118
PAYMASTER 54B	387 E	7.48	61	37.6	12.1	.42	0.93	112

1968 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
KERN LAKE, CAL.										
ACALA SJ-1	4.55	1.21	1.04	41.8	21.6	6.4	428	27	72	7.7
HOPICALA	4.15	1.19	1.02	42.7	23.0	6.1	454	30	72	7.5
COKER 201	4.66	1.10	0.90	38.0	18.3	6.4	411	28	76	7.5
STONEVILLE 7A	4.11	1.13	0.92	37.7	17.7	6.1	443	32	72	6.2
ACALA 4-42	5.55	1.17	1.03	39.3	21.5	7.4	452	40	75	7.5
ACALA 1517D	4.10	1.26	1.09	41.7	22.5	7.1	451	26	72	7.5
PAYMASTER 54B	4.49	0.99	0.83	35.7	18.1	7.8	424	25	75	7.5
TULARE, CAL.										
ACALA SJ-1	3.77	1.11	0.90	41.8	17.3	6.5	473	42	76	7.5
HOPICALA	3.52	1.13	0.94	42.5	22.8	6.7	501	36	75	7.5
ACALA1517D	3.53	1.18	0.94	42.0	23.9	6.2	505	38	76	7.2
ACALA 4-42	3.76	1.14	0.96	40.6	21.5	7.1	483	50	77	7.5
STONEVILLE 7A	3.53	1.07	0.81	37.2	17.5	5.8	487	39	74	7.0
COKER 201	3.39	1.01	0.76	37.4	17.9	6.8	514	51	73	7.0
PAYMASTER 54B	3.65	0.92	0.73	34.5	17.8	8.3	483	46	75	7.2
LEMOORE, CAL.										
ACALA SJ-1	4.17	1.21	1.02	43.2	22.0	6.3	446	37	75	7.5
HOPICALA	3.97	1.18	0.97	46.1	23.4	6.8	464	34	77	7.5
STONEVILLE 7A	3.86	1.13	0.87	39.1	19.2	6.0	472	37	74	6.7
ACALA 4-42	4.04	1.18	0.96	41.0	22.1	7.1	461	44	77	7.5
COKER 201	4.02	1.13	0.89	38.3	19.5	6.7	451	33	76	7.5
ACALA 1517D	3.79	1.26	1.06	43.7	23.8	6.7	474	36	77	7.5
PAYMASTER 54B	4.29	0.96	0.79	35.3	18.4	8.2	436	26	76	7.2
DOS PALOS, CAL.										
ACALA SJ-1	3.89	1.14	0.91	42.5	20.7	5.4	474	35	75	7.0
ACALA 4-42	3.88	1.15	0.97	41.5	21.3	6.8	461	33	74	6.5
HOPICALA	3.72	1.12	0.91	44.1	21.5	5.3	482	28	77	6.5
ACALA 1517D	3.44	1.20	0.96	43.2	22.4	5.9	513	32	76	6.2
STONEVILLE 7A	3.46	1.37	0.81	38.8	18.0	5.1	506	37	75	6.2
COKER 201	3.54	1.06	0.82	38.2	18.1	5.8	505	44	74	6.5
PAYMASTER 54B	3.36	0.93	0.74	34.8	18.0	8.1	521	42	74	6.7

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
COKER 310	909	A	5.83	78	38.3	11.3	.51	1.18	129
COKER 201	901	AB	6.12	75	38.5	11.3	.49	1.10	123
MO. 63-277D	885	ABC	6.63	69	36.4	12.6	.51	1.14	139
ST. 508-9083	871	ABC	5.97	77	39.2	10.8	.49	1.13	131
DELTAPINE 607	852	ABCD	5.58	82	37.1	10.7	.51	1.12	138
TH 149	852	ABCD	6.76	68	35.3	13.2	.50	1.11	130
MO. 63-279D	836	BCDE	6.24	73	35.6	12.4	.52	1.15	141
MCNAIR 6207	834	BCDE	5.80	78	36.6	11.3	.49	1.10	124
PD 4381	828	CDEF	5.67	81	36.2	11.7	.51	1.13	141
PD 5153	825	CDEF	6.01	76	36.4	12.5	.52	1.11	138
COKER 421-5402	823	CDEF	5.17	88	37.6	11.1	.51	1.13	138
MCNAIR 6416	814	CDEF	6.45	71	35.3	11.9	.49	1.07	132
PD 3246	781	DEFG	6.32	72	36.3	12.5	.52	1.17	146
COKER 413-7905	770	EFG	5.44	84	35.4	11.4	.51	1.16	141
ATLAS 67	765	EFG	5.87	78	36.5	12.3	.51	1.09	145
ATLAS 66-182	765	EFG	6.34	72	36.2	12.6	.49	1.09	138
ATLAS 66-146	765	EFG	5.59	82	37.0	12.3	.51	1.10	139
ATLAS 66-132	758	FG	5.87	78	36.9	12.7	.51	1.07	144
ACALA 1517D	727	G	6.43	71	34.7	13.1	.54	1.17	157
PD 2165B	720	G	5.77	79	38.1	12.6	.52	1.15	147

SUBREGIONAL SUMMARY COMBINING COLLEGE STATION, ST. JOSEPH, STONEVLLE, PORTAGEVLLE, ROHWER AND JACKSON

ST. 508-9083	1059	A	6.05	75	38.9	11.0	.48	1.14	130
COKER 310	1037	AB	5.69	80	37.9	11.1	.52	1.19	127
COKER 201	1031	AB	6.15	75	38.0	11.3	.49	1.11	123
MO. 63-277D	1017	ABC	6.62	69	36.2	12.8	.51	1.16	137
DELTAPINE 607	1006	ABC	5.59	81	36.8	10.7	.52	1.15	139
MCNAIR 6207	974	ABCD	5.83	78	36.3	11.3	.49	1.12	124
COKER 421-5402	948	BCDE	5.30	86	37.3	11.1	.51	1.14	140
MO. 63-279D	946	BCDE	6.34	72	35.2	12.3	.52	1.18	142
PD 4381	943	BCDE	5.71	80	35.8	11.6	.52	1.15	142
MCNAIR 6416	938	BCDE	6.49	70	34.7	12.0	.49	1.09	134
PD 5153	921	CDEF	6.14	74	35.8	12.5	.52	1.14	139
TH 149	920	CDEF	6.70	68	34.9	13.0	.50	1.13	130
ATLAS 66-146	897	DEF	5.67	81	36.9	12.3	.51	1.12	139
PD 3246	891	DEF	6.49	71	36.0	12.5	.52	1.19	145
COKER 413-7905	875	DEF	5.56	83	34.8	11.5	.52	1.18	141
ATLAS 66-132	863	EF	6.08	75	36.8	12.9	.52	1.09	145
ATLAS 67	852	EF	6.03	76	36.3	12.4	.51	1.10	148
PD 2165B	845	EF	5.91	78	37.8	13.0	.53	1.16	149
ATLAS 66-182	844	EF	6.39	71	36.1	12.4	.49	1.09	138
ACALA 1517D	832	F	6.52	70	34.4	13.2	.55	1.19	156

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
COKER 310	4.47	1.19	0.95	38.3	20.0	7.1	428	28	75	8.5
COKER 201	4.42	1.11	0.90	38.8	19.3	6.6	422	30	75	8.5
MO. 63-277D	3.96	1.18	0.97	38.4	21.1	8.8	458	35	75	8.8
ST. 508-9083	3.98	1.13	0.91	38.1	20.2	8.0	459	34	76	8.5
DELTAPINE 607	4.60	1.14	0.94	41.3	21.2	6.8	419	24	78	8.0
TH 149	4.22	1.13	0.91	39.9	20.3	6.4	434	29	76	7.9
MO. 63-279D	4.03	1.17	0.96	40.2	20.8	7.0	458	35	76	8.4
MCNAIR 6207	4.05	1.11	0.90	38.3	19.1	6.7	451	35	76	8.2
PD 4381	3.86	1.13	0.94	40.7	21.7	7.0	470	39	76	8.5
PD 5153	4.47	1.14	0.94	42.1	21.7	6.2	426	27	76	8.3
COKER 421-5402	4.28	1.14	0.94	41.9	21.1	6.2	437	31	75	8.3
MCNAIR 6416	4.39	1.08	0.88	42.1	20.0	6.0	436	29	77	8.0
PD 3246	4.16	1.17	0.95	43.6	22.1	6.0	445	31	75	8.2
COKER 413-7905	3.97	1.18	0.96	41.4	20.7	6.1	468	39	76	8.2
ATLAS 67	4.44	1.07	0.89	45.1	22.9	6.1	412	25	74	8.6
ATLAS 66-182	4.25	1.07	0.87	44.1	21.1	6.5	427	30	74	8.4
ATLAS 66-146	4.34	1.09	0.90	44.1	21.9	6.0	428	28	75	8.2
ATLAS 66-132	4.65	1.08	0.89	46.4	23.3	6.0	406	27	74	8.4
ACALA 1517D	4.22	1.19	1.00	42.8	23.5	7.1	445	26	75	8.4
PD 2165B	4.50	1.16	0.95	45.2	22.7	5.9	421	28	76	8.4

SUBREGIONAL SUMMARY COMBINING COLLEGE STATION, ST. JOSEPH, STONEVLLE, PORTAGEVLLE, ROHWER AND JACKSON

VARIETY	MICRONAIRE	UHM	MEAN	TO	T1	E1	A	D	RD	B
ST. 508-9083	3.99	1.15	0.91	38.1	19.8	7.3	468	36	76	8.4
COKER 310	4.33	1.19	0.93	38.3	19.7	7.1	440	29	75	8.4
COKER 201	4.31	1.12	0.90	38.8	19.2	6.5	431	32	76	8.4
MO. 63-277D	3.92	1.19	0.97	38.2	20.5	8.6	460	36	74	8.7
DELTAPINE 607	4.54	1.16	0.96	41.1	21.1	6.8	426	27	77	8.0
MCNAIR 6207	4.05	1.13	0.91	38.7	19.0	6.7	458	37	75	8.1
COKER 421-5402	4.29	1.15	0.94	42.4	21.3	6.1	436	32	75	8.2
MO. 63-279D	3.97	1.19	0.96	40.4	20.6	7.1	468	39	75	8.1
PD 4381	3.86	1.15	0.94	40.5	21.8	6.9	480	41	76	8.4
MCNAIR 6416	4.46	1.10	0.88	42.2	20.2	6.0	446	32	76	7.8
PD 5153	4.41	1.15	0.94	41.8	21.6	6.2	440	30	76	8.2
TH 149	4.14	1.13	0.91	40.4	20.2	6.3	443	31	75	7.7
ATLAS 66-146	4.38	1.10	0.88	44.5	21.5	5.9	429	26	75	8.1
PD 3246	4.15	1.18	0.95	43.2	21.9	5.9	447	30	74	8.1
COKER 413-7905	3.92	1.19	0.96	41.5	20.6	6.1	480	41	76	8.2
ATLAS 66-132	4.69	1.10	0.90	46.4	22.9	5.9	411	28	73	8.2
ATLAS 67	4.49	1.09	0.90	45.7	22.9	5.8	414	25	73	8.4
PD 2165B	4.50	1.18	0.98	45.6	22.7	5.7	426	28	75	8.2
ATLAS 66-182	4.23	1.08	0.86	44.4	20.9	6.3	443	33	74	8.3
ACALA 1517D	4.21	1.20	1.00	42.4	23.4	7.0	449	25	75	8.3

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND BELLA MINA

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
TH 149	770	A	6.82	67	35.9	13.4	.50	1.09	131
COKER 310	755	AB	6.01	76	38.8	11.6	.51	1.16	131
COKER 201	745	ABC	6.08	75	39.0	11.2	.50	1.09	124
MO. 63-277D	727	ABCD	6.63	68	36.7	12.5	.51	1.12	142
PD 5153	711	ABCDE	5.85	78	37.1	12.5	.51	1.09	138
MO. 63-279D	704	ABCDE	6.11	75	36.1	12.6	.51	1.12	141
PD 4381	690	ABCDEF	5.62	81	36.6	11.7	.50	1.10	140
COKER 421-5402	673	BCDEF	5.02	91	38.1	11.1	.51	1.12	136
ATLAS 66-182	670	BCDEF	6.27	73	36.2	12.7	.49	1.08	138
MCNAIR 6207	667	BCDEF	5.78	79	36.9	11.4	.49	1.08	123
DELTAPINE 607	667	BCDEF	5.58	82	37.5	10.6	.50	1.09	137
MCNAIR 6416	666	BCDEF	6.40	71	36.1	11.8	.48	1.04	129
ATLAS 67	661	CDEF	5.68	80	36.7	12.2	.51	1.08	142
PD 3246	650	DEFG	6.12	74	36.7	12.6	.52	1.15	148
COKER 413-7905	645	DEFG	5.31	86	36.1	11.4	.51	1.13	140
ST. 508-9083	645	DEFG	5.88	78	39.6	10.5	.50	1.11	132
ATLAS 66-132	633	EFG	5.62	81	37.1	12.5	.50	1.05	143
ATLAS 66-146	606	FG	5.49	83	37.1	12.3	.50	1.09	140
ACALA 1517D	602	FG	6.32	72	35.1	13.1	.54	1.15	157
PD 2165B	571	G	5.60	81	38.4	12.2	.51	1.13	144
LOCATIONS COMBINING VARIETIES									
ST JOSEPH, LA.	1278	A	6.50	70	38.3	12.7	.54	1.17	141
ROHWER, ARK.	1061	B	6.25	73	38.0	12.0	.49	1.11	131
PORT'VILLE, MO	985	C	6.51	70	36.0	13.1	.53	1.16	142
COL. STA., TEX	968	C	5.38	85	34.9	12.1	.51	1.13	137
BELLA MINA, ALA	802	D	5.96	77	40.9	11.9	.48	1.09	127
ST'VILLE, MISS	746	E	5.82	79	34.8	11.5	.51	1.15	142
EXPERIMENT, GA	745	E	6.38	71	37.8	12.0	.53	1.11	140
FLORENCE, S.C.	744	E	5.69	81	37.3	12.3	.51	1.11	138
JACKSON, TENN.	553	F	5.92	77	36.1	10.9	.49	1.12	137
ROCKY MT., N.C	550	F	5.52	83	34.0	11.5	.49	1.06	145
TIFTON, GA.	524	F	5.99	76	35.5	12.3	.51	1.15	138

BOLL SIZE, GRAM PER BOLL

TH 149	6.76	A
MO. 63-277D	6.63	AB
MCNAIR 6416	6.45	ABC
ACALA 1517D	6.43	BC
ATLAS 66-182	6.34	BCD
PD 3246	6.32	BCD
MO. 63-279D	6.24	CDE
COKER 201	6.12	CDEF
PD 5153	6.01	DEFG
ST. 508-9083	5.97	EFG
ATLAS 66-132	5.87	FGH
ATLAS 67	5.87	FGH
COKER 310	5.83	FGH
MCNAIR 6207	5.80	FGH
PD 2165B	5.77	GHI
PD 4381	5.67	GHI
ATLAS 66-146	5.59	HI
DELTAPINE 607	5.58	HI
COKER 413-7905	5.44	I
COKER 421-5402	5.17	

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND BELLA MINA

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
TH 149	4.35	1.12	0.92	39.3	20.3	6.4	424	27	76	8.2
COKER 310	4.66	1.18	0.96	38.2	20.3	7.1	412	26	75	8.7
COKER 201	4.59	1.10	0.90	38.8	19.5	6.8	411	28	75	8.6
MO. 63-277D	4.02	1.16	0.97	38.7	21.8	9.0	455	34	76	8.9
PD 5153	4.55	1.12	0.95	42.4	21.8	6.2	409	24	77	8.4
MO. 63-279D	4.12	1.15	0.95	40.1	21.0	6.9	446	31	76	8.6
PD 4381	3.86	1.11	0.92	41.0	21.7	7.1	459	37	76	8.5
COKER 421-5402	4.27	1.13	0.93	41.4	20.9	6.3	438	31	76	8.4
ATLAS 66-182	4.27	1.07	0.88	43.8	21.4	6.6	407	26	75	8.5
MCNAIR 6207	4.06	1.10	0.90	37.8	19.2	6.7	442	33	76	8.3
DELTAPINE 607	4.70	1.11	0.92	41.4	21.3	6.7	411	21	78	8.0
MCNAIR 6416	4.29	1.06	0.87	42.0	19.8	6.1	424	25	77	8.2
ATLAS 67	4.37	1.05	0.88	44.3	22.9	6.3	408	26	75	8.8
PD 3246	4.17	1.16	0.96	44.1	22.4	6.1	443	31	77	8.2
COKER 413-7905	4.04	1.17	0.97	41.3	20.8	6.2	453	37	76	8.2
ST. 508-9083	3.97	1.11	0.91	38.2	20.7	8.3	448	32	77	8.6
ATLAS 66-132	4.59	1.06	0.89	46.3	23.8	6.1	400	26	74	8.6
ATLAS 66-146	4.28	1.09	0.92	43.7	22.4	6.1	426	31	76	8.2
ACALA 1517D	4.25	1.18	1.00	43.3	23.7	7.1	440	27	76	8.5
PD 2165B	4.50	1.13	0.93	44.8	22.8	6.1	416	27	76	8.5
LOCATIONS COMBINING VARIETIES										
ST JOSEPH, LA.	4.35	1.19	0.99	39.4	20.5	6.6	435	29	77	8.1
ROHWER, ARK.	4.42	1.10	0.91	42.7	20.7	6.2	432	28	77	8.1
PORT'VILLE, MO	4.56	1.17	0.94	41.7	21.6	6.8	420	26	76	8.0
COL. STA., TEX	4.49	1.15	0.92	42.6	21.6	6.1	415	25	69	7.5
BELLA MINA,ALA	0.00	1.11	0.91	40.6	20.8	6.5	398	21	73	7.9
ST'VILLE, MISS	3.73	1.16	0.93	41.3	20.7	6.6	489	44	77	8.7
EXPERIMENT, GA	4.43	1.11	0.93	42.1	21.9	7.0	424	30	75	8.9
FLORENCE, S.C.	4.29	1.13	0.93	40.4	21.1	6.7	439	30	80	8.6
JACKSON, TENN.	3.90	1.11	0.88	42.8	21.5	7.0	477	41	74	9.0
ROCKY MT., N.C	4.28	1.06	0.87	44.2	22.4	6.5	434	29	78	8.7
TIFTON, GA.	4.19	1.18	0.98	40.5	21.0	7.0	448	34	74	8.3

BOLL SIZE, NO. PER LB.

COKER 421-5402	88.00	A
COKER 413-7905	84.00	B
ATLAS 66-146	82.00	BC
DELTAPINE 607	82.00	BC
PD 4381	81.00	BCD
PD 2165B	79.00	CDE
ATLAS 67	78.00	CDE
COKER 310	78.00	CDE
MCNAIR 6207	78.00	CDE
ATLAS 66-132	78.00	CDE
ST. 508-9083	77.00	DEF
PD 5153	76.00	EFG
COKER 201	75.00	EFGH
MO. 63-279D	73.00	FGHI
PD 3246	72.00	GHI
ATLAS 66-182	72.00	GHI
MCNAIR 6416	71.00	HI
ACALA 1517D	71.00	HI
MO. 63-277D	69.00	I
TH 149	68.00	

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LINT PCT.		
ST. 508-9083	39.20	A
COKER 201	38.50	AB
COKER 310	38.30	BC
PD 2165B	38.10	BC
COKER 421-5402	37.60	CD
DELTAPINE 607	37.10	DE
ATLAS 66-146	37.00	DE
ATLAS 66-132	36.90	DE
MCNAIR 6207	36.60	E
ATLAS 67	36.50	E
PD 5153	36.40	EF
MO. 63-277D	36.40	EF
PD 3246	36.30	EF
PD 4381	36.20	EFG
ATLAS 66-182	36.20	EFG
MO. 63-279D	35.60	FGH
COKER 413-7905	35.40	GHI
MCNAIR 6416	35.30	HI
TH 149	35.30	HI
ACALA 1517D	34.70	I

SEED INDEX		
TH 149	13.20	A
ACALA 1517D	13.10	AB
ATLAS 66-132	12.70	ABC
ATLAS 66-182	12.60	ABCD
MO. 63-277D	12.60	ABCD
PD 2165B	12.60	ABCD
PD 5153	12.50	BCD
PD 3246	12.50	BCD
MO. 63-279D	12.40	CD
ATLAS 67	12.30	CDE
ATLAS 66-146	12.30	CDE
MCNAIR 6416	11.90	DEF
PD 4381	11.70	EFG
COKER 413-7905	11.40	FGH
MCNAIR 6207	11.30	FGHI
COKER 310	11.30	FGHI
COKER 201	11.30	FGHI
COKER 421-5402	11.10	GHI
ST. 508-9083	10.80	HI
DELTAPINE 607	10.70	I

SPAN LENGTH, 50 PCT.		
ACALA 1517D	.54	A
PD 3246	.52	AB
PD 5153	.52	AB
MO. 63-279D	.52	AB
PD 2165B	.52	AB
MO. 63-277D	.51	BC
COKER 310	.51	BC
PD 4381	.51	BC
COKER 413-7905	.51	BC
ATLAS 66-146	.51	BC
ATLAS 67	.51	BC
ATLAS 66-132	.51	BC
DELTAPINE 607	.51	BC
COKER 421-5402	.51	BC
TH 149	.50	BC
COKER 201	.49	C
ATLAS 66-182	.49	C
ST. 508-9083	.49	C
MCNAIR 6416	.49	C
MCNAIR 6207	.49	C

SPAN LENGTH, 2.5 PCT.		
COKER 310	1.18	A
PD 3246	1.17	AB
ACALA 1517D	1.17	AB
COKER 413-7905	1.16	ABC
PD 2165B	1.15	BCD
MO. 63-279D	1.15	BCD
MO. 63-277D	1.14	CDE
PD 4381	1.13	DEF
COKER 421-5402	1.13	DEF
ST. 508-9083	1.13	DEF
DELTAPINE 607	1.12	EFG
PD 5153	1.11	FGH
TH 149	1.11	FGH
COKER 201	1.10	GH
MCNAIR 6207	1.10	GH
ATLAS 66-146	1.10	GH
ATLAS 67	1.09	HI
ATLAS 66-182	1.09	HI
ATLAS 66-132	1.07	I
MCNAIR 6416	1.07	I

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

22'S		
ACALA 1517D	157.00	A
PD 2165B	147.00	B
PD 3246	146.00	BC
ATLAS 67	145.00	BC
ATLAS 66-132	144.00	BCD
COKER 413-7905	141.00	CDE
PD 4381	141.00	CDE
MO. 63-279D	141.00	CDE
MO. 63-277D	139.00	DE
ATLAS 66-146	139.00	DE
COKER 421-5402	138.00	E
DELTAPINE 607	138.00	E
PD 5153	138.00	E
ATLAS 66-182	138.00	E
MCNAIR 6416	132.00	F
ST. 508-9083	131.00	F
TH 149	130.00	F
COKER 310	129.00	F
MCNAIR 6207	124.00	G
COKER 201	123.00	G

MICRONAIRE		
ATLAS 66-132	4.65	A
DELTAPINE 607	4.60	AB
PD 2165B	4.50	ABC
COKER 310	4.47	ABC
PD 5153	4.47	ABC
ATLAS 67	4.44	ABCD
COKER 201	4.42	ABCD
MCNAIR 6416	4.39	ABCD
ATLAS 66-146	4.34	BCD
COKER 421-5402	4.28	CDE
ATLAS 66-182	4.25	CDEF
ACALA 1517D	4.22	CDEFG
TH 149	4.22	CDEFG
PD 3246	4.16	DEFG
MCNAIR 6207	4.05	EFGH
MO. 63-279D	4.03	EFGH
ST. 508-9083	3.98	FGH
COKER 413-7905	3.97	FGH
MO. 63-277D	3.96	GH
PD 4381	3.86	H

DRAWING SLIVER, UHM		
COKER 310	1.19	A
ACALA 1517D	1.19	A
MO. 63-277D	1.18	A
COKER 413-7905	1.18	A
MO. 63-279D	1.17	A
PD 3246	1.17	A
PD 2165B	1.16	AB
COKER 421-5402	1.14	BC
PD 5153	1.14	BC
DELTAPINE 607	1.14	BC
ST. 508-9083	1.13	BC
PD 4381	1.13	BC
TH 149	1.13	BC
COKER 201	1.11	CD
MCNAIR 6207	1.11	CD
ATLAS 66-146	1.09	DE
ATLAS 66-132	1.08	E
MCNAIR 6416	1.08	E
ATLAS 67	1.07	E
ATLAS 66-182	1.07	E

DRAWING SLIVER, MEAN		
ACALA 1517D	1.00	A
MO. 63-277D	.97	AB
MO. 63-279D	.96	ABC
COKER 413-7905	.96	ABC
PD 2165B	.95	ABCD
COKER 310	.95	ABCD
PD 3246	.95	ABCD
PD 4381	.94	BCDE
PD 5153	.94	BCDE
DELTAPINE 607	.94	BCDE
COKER 421-5402	.94	BCDE
ST. 508-9083	.91	CDEF
TH 149	.91	CDEF
COKER 201	.90	DEF
ATLAS 66-146	.90	DEF
MCNAIR 6207	.90	DEF
ATLAS 67	.89	EF
ATLAS 66-132	.89	EF
MCNAIR 6416	.88	F
ATLAS 66-182	.87	F

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO		
ACALA 1517D	84.00	A
MO. 63-277D	83.00	AB
ATLAS 66-132	83.00	AB
DELTAPINE 607	83.00	AB
PD 4381	83.00	AB
PD 5153	83.00	AB
COKER 413-7905	82.00	AB
ATLAS 66-146	82.00	AB
ATLAS 67	82.00	AB
COKER 421-5402	82.00	AB
MO. 63-279D	82.00	AB
PD 2165B	82.00	AB
ATLAS 66-182	81.00	AB
MCNAIR 6416	81.00	AB
MCNAIR 6207	81.00	AB
PD 3246	81.00	AB
TH 149	81.00	AB
COKER 201	81.00	AB
COKER 310	80.00	B
ST. 508-9083	80.00	B

STELOMETER - TO		
ATLAS 66-132	46.40	A
PD 2165B	45.20	B
ATLAS 67	45.10	B
ATLAS 66-182	44.10	BC
ATLAS 66-146	44.10	BC
PD 3246	43.60	CD
ACALA 1517D	42.80	DE
PD 5153	42.10	EF
MCNAIR 6416	42.10	EF
COKER 421-5402	41.90	EFG
COKER 413-7905	41.40	FGH
DELTAPINE 607	41.30	FGH
PD 4381	40.70	GHI
MO. 63-279D	40.20	HI
TH 149	39.90	I
COKER 201	38.80	
MO. 63-277D	38.40	
MCNAIR 6207	38.30	
COKER 310	38.30	
ST. 508-9083	38.10	

STELOMETER - T1		
ACALA 1517D	23.50	A
ATLAS 66-132	23.30	A
ATLAS 67	22.90	AB
PD 2165B	22.70	ABC
PD 3246	22.10	BCD
ATLAS 66-146	21.90	CDE
PD 5153	21.70	DEF
PD 4381	21.70	DEF
DELTAPINE 607	21.20	EFG
ATLAS 66-182	21.10	EFGH
MO. 63-277D	21.10	EFGH
COKER 421-5402	21.10	EFGH
MO. 63-279D	20.80	FGHI
COKER 413-7905	20.70	GHI
TH 149	20.30	GHI
ST. 508-9083	20.20	HI
COKER 310	20.00	I
MCNAIR 6416	20.00	I
COKER 201	19.30	
MCNAIR 6207	19.10	

STELOMETER - E1		
MO. 63-277D	8.80	A
ST. 508-9083	8.00	B
COKER 310	7.10	C
ACALA 1517D	7.10	C
PD 4381	7.00	CD
MO. 63-279D	7.00	CD
DELTAPINE 607	6.80	CDE
MCNAIR 6207	6.70	DEF
COKER 201	6.60	EF
ATLAS 66-182	6.50	EFG
TH 149	6.40	FGH
PD 5153	6.20	GHI
COKER 421-5402	6.20	GHI
COKER 413-7905	6.10	HI
ATLAS 67	6.10	HI
ATLAS 66-132	6.00	I
PD 3246	6.00	I
ATLAS 66-146	6.00	I
MCNAIR 6416	6.00	I
PD 2165B	5.90	I

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

AREALOMETER - A

PD 4381	470.00	A
COKER 413-7905	468.00	A
ST. 508-9083	459.00	AB
MO. 63-279D	458.00	AB
MO. 63-277D	458.00	AB
MCNAIR 6207	451.00	ABC
PD 3246	445.00	BCD
ACALA 1517D	445.00	BCD
COKER 421-5402	437.00	CDE
MCNAIR 6416	436.00	CDE
TH 149	434.00	CDE
ATLAS 66-146	428.00	DEF
COKER 310	428.00	DEF
ATLAS 66-182	427.00	DEF
PD 5153	426.00	DEF
COKER 201	422.00	EFG
PD 2165B	421.00	EFG
DELTAPINE 607	419.00	EFG
ATLAS 67	412.00	FG
ATLAS 66-132	406.00	G

AREALOMETER -D

COKER 413-7905	39.00	A
PD 4381	39.00	A
MO. 63-277D	35.00	AB
MO. 63-279D	35.00	AB
MCNAIR 6207	35.00	AB
ST. 508-9083	34.00	ABC
PD 3246	31.00	BCD
COKER 421-5402	31.00	BCD
ATLAS 66-182	30.00	BCDE
COKER 201	30.00	BCDE
TH 149	29.00	BCDE
MCNAIR 6416	29.00	BCDE
PD 2165B	28.00	CDE
COKER 310	28.00	CDE
ATLAS 66-146	28.00	CDE
PD 5153	27.00	DE
ATLAS 66-132	27.00	DE
ACALA 1517D	26.00	DE
ATLAS 67	25.00	DE
DELTAPINE 607	24.00	E

COLORIMETER -RD

DELTAPINE 607	78.00	A
MCNAIR 6416	77.00	AB
PD 2165B	76.00	BC
MO. 63-279D	76.00	BC
PD 5153	76.00	BC
MCNAIR 6207	76.00	BC
PD 4381	76.00	BC
ST. 508-9083	76.00	BC
COKER 413-7905	76.00	BC
TH 149	76.00	BC
PD 3246	75.00	CD
ACALA 1517D	75.00	CD
COKER 201	75.00	CD
ATLAS 66-146	75.00	CD
COKER 421-5402	75.00	CD
COKER 310	75.00	CD
MO. 63-277D	75.00	CD
ATLAS 67	74.00	D
ATLAS 66-182	74.00	D
ATLAS 66-132	74.00	D

COLORIMETER -B

MO. 63-277D	8.80	A
ATLAS 67	8.60	AB
COKER 310	8.50	ABC
ST. 508-9083	8.50	ABC
PD 4381	8.50	ABC
COKER 201	8.50	ABC
ACALA 1517D	8.40	BC
ATLAS 66-132	8.40	BC
ATLAS 66-182	8.40	BC
MO. 63-279D	8.40	BC
PD 2165B	8.40	BC
COKER 421-5402	8.30	BCD
PD 5153	8.30	BCD
COKER 413-7905	8.20	CDE
ATLAS 66-146	8.20	CDE
MCNAIR 6207	8.20	CDE
PD 3246	8.20	CDE
MCNAIR 6416	8.00	DE
DELTAPINE 607	8.00	DE
TH 149	7.90	E

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
			STONEVILLE, MISS.						
MO. 63-277D	923	A	6.82	67	34.8	12.4	.54	1.20	144
ST. 508-9083	852	AB	5.57	82	37.3	9.7	.48	1.16	136
DELTAPINE 607	843	AB	5.25	87	35.1	10.5	.54	1.17	145
COKER 310	805	BC	5.28	86	36.7	10.3	.50	1.20	134
MO. 63-279D	801	BC	6.35	72	34.5	11.2	.54	1.23	144
MCNAIR 6207	800	BC	5.56	82	34.5	10.7	.48	1.11	125
PD 5153	795	BC	6.07	75	33.6	12.3	.51	1.14	145
PD 21658	778	BCD	5.75	79	36.4	12.4	.53	1.16	155
MCNAIR 6416	769	BCD	6.23	73	33.3	11.0	.49	1.08	136
PD 4381	759	BCDE	5.45	84	33.9	11.1	.48	1.11	148
ACALA 1517D	749	BCDE	5.83	78	33.4	11.8	.54	1.19	158
PD 3246	741	BCDE	6.26	73	34.8	12.6	.51	1.19	145
ATLAS 66-132	740	BCDE	6.27	73	35.1	12.1	.51	1.10	148
COKER 201	712	CDE	5.74	79	35.7	10.9	.48	1.13	128
ATLAS 67	692	CDEF	5.97	76	35.9	12.1	.51	1.12	147
COKER 421-5402	691	CDEF	5.20	88	35.2	10.9	.50	1.16	144
ATLAS 66-146	674	DEF	5.47	83	35.9	11.6	.50	1.12	140
TH 149	650	EFG	6.66	68	32.5	12.5	.47	1.13	133
COKER 413-7905	592	FG	4.74	96	33.2	10.8	.50	1.19	142
ATLAS 66-182	556	G	5.90	77	34.4	12.0	.48	1.13	143
			COLLEGE STATION, TEX.						
ST. 508-9083	1218	A	5.64	81	37.0	11.4	.47	1.15	125
COKER 310	1094	AB	5.18	89	36.1	11.2	.57	1.22	125
MO. 63-277D	1059	ABC	6.01	76	34.8	12.7	.47	1.13	135
DELTAPINE 607	1057	ABC	5.49	83	36.4	10.5	.53	1.14	129
COKER 421-5402	1046	ABCD	4.74	96	35.4	10.9	.53	1.15	140
MCNAIR 6416	1026	ABCD	5.67	80	33.5	11.8	.48	1.08	136
ATLAS 66-182	1025	ABCD	6.15	74	34.4	12.8	.46	1.05	135
COKER 413-7905	1019	ABCD	5.03	90	33.0	11.0	.51	1.19	142
COKER 201	1016	ABCD	5.22	88	36.4	10.9	.48	1.06	114
MCNAIR 6207	1001	ABCDE	5.02	90	33.4	11.7	.46	1.07	124
TH 149	940	BCDE	5.90	77	33.2	13.7	.52	1.14	123
PD 4381	937	BCDE	4.97	94	34.9	11.4	.56	1.16	139
MO. 63-279D	921	BCDE	5.64	80	33.8	12.2	.51	1.16	146
ATLAS 67	905	BCDE	5.14	88	34.8	13.3	.55	1.09	151
PD 5153	885	BCDE	5.57	82	35.3	12.2	.54	1.13	137
ACALA 1517D	873	BCDE	5.76	79	32.3	13.2	.50	1.13	157
PD 3246	871	BCDE	5.34	85	35.2	12.1	.55	1.24	144
ATLAS 66-132	852	CDE	5.50	83	35.4	13.1	.52	1.06	144
ATLAS 66-146	826	DE	4.79	95	34.9	12.4	.50	1.10	142
PD 2165B	782	E	4.91	93	36.8	12.9	.54	1.17	147

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

STONEVILLE, MISS.

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
MO. 63-277D	3.41	1.23	1.00	38.5	20.3	8.2	512	51	77	8.7
ST. 508-9083	3.36	1.20	0.98	37.1	20.0	7.7	516	48	78	9.0
DELTAPINE 607	4.06	1.18	1.00	40.6	19.9	6.9	463	38	80	8.2
COKER 310	3.69	1.17	0.88	38.0	19.1	7.2	497	40	77	9.0
MO. 63-279D	3.36	1.22	1.00	38.7	20.7	8.2	510	49	77	9.0
MCNAIR 6207	3.50	1.13	0.92	38.2	18.8	6.7	506	53	77	8.7
PD 5153	3.85	1.21	1.02	40.5	21.6	6.1	490	45	79	8.7
PD 2165B	3.96	1.21	1.02	44.6	22.3	5.9	465	40	78	8.5
MCNAIR 6416	3.84	1.13	0.91	41.5	19.3	6.3	487	49	78	8.2
PD 4381	3.34	1.16	0.97	38.9	22.2	7.1	550	57	79	8.2
ACALA 1517D	3.55	1.16	0.92	43.8	23.6	6.8	510	39	76	8.7
PD 3246	3.77	1.22	1.01	42.8	21.4	5.8	465	35	79	8.5
ATLAS 66-132	4.24	1.07	0.80	46.3	21.7	5.7	446	39	77	9.0
COKER 201	3.71	1.08	0.82	38.9	18.6	6.8	496	50	77	8.7
ATLAS 67	4.23	1.07	0.81	45.3	22.8	5.8	437	31	75	9.0
COKER 421-5402	4.04	1.19	1.01	43.1	21.4	5.9	457	37	75	9.0
ATLAS 66-146	3.92	1.05	0.75	44.0	20.9	5.6	470	38	76	8.5
TH 149	3.59	1.18	0.98	38.4	18.9	6.4	490	43	79	8.5
COKER 413-7905	3.29	1.19	0.96	41.7	20.0	6.0	542	57	78	8.7
ATLAS 66-182	3.85	1.06	0.75	44.0	20.2	6.2	481	43	74	9.2

COLLEGE STATION, TEX.

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
ST. 508-9083	4.25	1.14	0.89	38.4	19.7	7.2	442	31	70	7.5
COKER 310	4.65	1.23	0.94	40.0	19.9	6.1	406	22	69	7.5
MO. 63-277D	4.35	1.18	0.95	37.9	19.8	7.7	428	28	70	8.5
DELTAPINE 607	5.00	1.14	0.93	41.2	21.9	6.1	382	18	69	7.0
COKER 421-5402	4.33	1.18	0.96	42.5	21.7	5.7	416	25	72	7.5
MCNAIR 6416	4.48	1.10	0.85	43.5	21.6	5.5	409	20	71	7.0
ATLAS 66-182	4.88	1.11	0.91	45.4	21.2	6.3	410	24	68	7.5
COKER 413-7905	4.28	1.20	0.96	42.7	21.5	5.7	455	35	72	7.5
COKER 201	4.18	1.13	0.96	37.9	19.3	6.2	392	20	71	8.0
MCNAIR 6207	4.33	1.14	0.89	41.4	19.6	6.3	431	27	70	7.5
TH 149	4.60	1.11	0.85	41.2	21.2	5.8	400	23	66	6.5
PD 4381	4.08	1.14	0.91	42.9	22.0	6.7	448	28	69	8.0
MO. 63-279D	4.45	1.21	0.97	40.7	20.5	6.7	440	35	68	7.0
ATLAS 67	4.30	1.13	0.94	46.8	23.4	5.6	389	19	69	7.5
PD 5153	5.05	1.12	0.90	43.9	22.5	5.6	393	23	69	8.0
ACALA 1517D	4.48	1.22	0.99	44.0	24.6	6.3	424	21	68	8.0
PD 3246	4.33	1.16	0.83	43.9	21.6	5.4	424	31	64	7.5
ATLAS 66-132	4.80	1.13	0.93	46.9	23.8	5.6	394	27	66	7.0
ATLAS 66-146	4.35	1.11	0.90	45.8	22.0	5.9	410	21	67	7.0
PD 2165B	4.70	1.20	0.97	44.5	23.7	5.4	405	20	68	7.5

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

ST JOSEPH, LA.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
DELTAPINE 607	1470	A	5.87	78	38.8	10.6	.53	1.16	148
ST. 508-9083	1463	A	6.44	71	40.8	11.5	.54	1.21	134
COKER 310	1447	AB	5.91	78	39.7	11.2	.53	1.22	128
COKER 201	1410	ABC	6.21	73	41.0	11.7	.53	1.17	132
COKER 421-5402	1368	ABCD	5.43	84	41.0	11.1	.55	1.18	142
PD 4381	1358	ABCDE	6.20	73	38.3	12.3	.55	1.16	143
ATLAS 66-146	1303	BCDEF	6.33	72	39.1	13.0	.52	1.13	146
MCNAIR 6207	1269	CDEFG	6.21	73	38.5	11.9	.52	1.16	126
TH 149	1266	CDEFG	7.51	61	36.7	14.1	.53	1.14	137
MO. 63-277D	1260	CDEFG	7.00	65	37.7	13.3	.53	1.18	135
ATLAS 66-182	1256	CDEFG	7.18	63	37.5	14.3	.54	1.12	143
ACALA 1517D	1237	DEFG	7.11	64	36.3	14.2	.58	1.22	154
PD 21658	1211	EFG	6.43	71	39.9	13.4	.57	1.20	151
COKER 413-7905	1202	FG	5.75	79	37.9	11.5	.55	1.21	141
PD 3246	1200	FG	6.78	67	37.5	13.1	.54	1.19	142
MCNAIR 6416	1184	FG	6.91	66	36.5	13.0	.51	1.11	137
PD 5153	1171	FG	6.69	68	36.9	13.5	.53	1.17	144
ATLAS 66-132	1169	FG	6.42	71	37.6	13.9	.54	1.13	152
MO. 63-279D	1169	FG	7.02	65	36.0	13.0	.55	1.19	143
ATLAS 67	1140	G	6.50	70	38.1	13.2	.51	1.13	151

ROHWER, ARK.

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
ST. 508-9083	1231	A	6.43	71	41.1	11.0	.45	1.07	118
COKER 201	1222	A	6.59	69	40.1	11.5	.49	1.11	117
MCNAIR 6207	1192	AB	6.03	75	39.5	11.0	.45	1.06	117
DELTAPINE 607	1190	AB	5.55	82	38.6	11.5	.52	1.13	131
COKER 310	1164	AB	5.64	81	40.3	11.0	.48	1.14	118
COKER 421-5402	1144	ABC	5.55	82	39.4	11.5	.50	1.09	129
COKER 413-7905	1143	ABC	5.96	76	36.9	12.5	.50	1.14	133
MO. 63-279D	1119	ABCD	6.64	69	36.8	12.5	.49	1.15	139
MO. 63-277D	1100	ABCD	6.47	71	37.9	13.5	.48	1.11	133
PD 4381	1074	BCD	5.94	77	37.5	11.5	.49	1.11	140
ATLAS 66-146	1017	CDE	5.96	76	38.3	12.5	.49	1.11	131
PD 21658	1002	DE	6.17	74	39.3	13.5	.50	1.11	143
PD 3246	1002	DE	6.52	70	37.1	12.0	.48	1.13	136
TH 149	999	DE	6.91	66	36.0	12.0	.48	1.11	126
MCNAIR 6416	991	DEF	6.68	68	35.8	12.0	.47	1.04	127
PD 5153	990	DEF	6.17	73	36.7	12.5	.48	1.10	124
ATLAS 66-132	980	DEF	6.03	75	39.6	12.5	.50	1.07	135
ATLAS 67	926	EF	6.21	73	36.1	11.5	.48	1.06	139
ACALA 1517D	878	EF	7.27	63	35.4	13.5	.57	1.17	153
ATLAS 66-182	853	F	6.19	73	37.9	11.5	.47	1.06	132

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

ST JOSEPH, LA.

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALO-METER A	AREALO-METER D	COLORI-METER RD	COLORI-METER B
DELTAPINE 607	4.40	1.21	1.01	37.5	20.3	7.1	437	30	80	8.5
ST. 508-9083	3.86	1.21	0.97	36.3	19.9	7.6	475	40	78	8.2
COKER 310	4.54	1.27	1.03	35.2	18.2	7.4	425	24	77	8.5
COKER 201	4.44	1.23	1.04	36.2	18.6	6.8	417	28	78	8.5
COKER 421-5402	4.46	1.20	0.98	39.2	20.2	6.3	426	28	76	8.0
PD 4381	4.08	1.18	1.02	38.0	21.0	7.0	456	40	79	8.5
ATLAS 66-146	4.71	1.16	0.99	41.8	21.1	5.9	411	24	78	8.2
MCNAIR 6207	4.16	1.16	0.94	35.9	18.1	6.4	446	31	76	8.0
TH 149	4.12	1.18	1.00	39.2	20.5	6.4	442	31	78	7.5
MO. 63-277D	4.12	1.23	1.01	34.6	19.1	8.3	449	36	76	8.2
ATLAS 66-182	4.16	1.13	0.92	41.7	20.2	6.3	433	31	78	7.7
ACALA 1517D	4.32	1.27	1.09	38.1	21.7	7.7	447	20	77	8.0
PD 2165B	4.63	1.17	0.96	45.5	22.9	5.8	413	29	78	7.7
COKER 413-7905	4.01	1.25	1.01	39.1	19.6	6.1	462	30	76	8.5
PD 3246	4.41	1.20	1.01	40.2	21.3	6.2	434	28	77	8.0
MCNAIR 6416	4.51	1.10	0.88	40.6	19.6	6.0	429	25	76	7.2
PD 5153	4.29	1.18	0.99	41.0	21.3	6.2	437	22	79	8.0
ATLAS 66-132	4.85	1.16	0.99	44.3	22.8	6.0	403	26	76	8.0
MO. 63-279D	4.03	1.21	0.98	40.2	20.8	6.2	456	35	77	7.7
ATLAS 67	4.90	1.15	0.96	42.4	22.2	6.0	407	22	75	8.2

ROHWER, ARK.

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALO-METER A	AREALO-METER D	COLORI-METER RD	COLORI-METER B
ST. 508-9083	4.46	1.09	0.88	39.3	18.9	7.3	426	22	77	8.0
COKER 201	4.60	1.06	0.83	40.7	19.3	6.0	410	29	76	8.2
MCNAIR 6207	4.29	1.07	0.92	39.6	18.7	6.6	443	29	79	8.0
DELTAPINE 607	4.76	1.12	0.97	41.9	21.1	6.5	407	23	81	7.2
COKER 310	4.44	1.12	0.89	39.1	20.1	6.5	428	26	77	8.5
COKER 421-5402	4.51	1.06	0.89	43.6	20.8	5.7	413	25	77	8.0
COKER 413-7905	4.11	1.11	0.90	42.1	20.4	5.5	463	40	79	8.0
MO. 63-279D	4.08	1.17	1.01	40.6	20.3	6.9	466	40	77	8.2
MO. 63-277D	4.01	1.14	0.99	38.8	21.1	8.8	471	33	77	8.5
PD 4381	4.12	1.10	0.93	41.7	21.9	6.3	455	33	77	8.2
ATLAS 66-146	4.55	1.06	0.86	45.4	20.6	5.3	416	21	76	8.0
PD 2165B	4.87	1.15	1.02	47.1	22.3	5.4	404	24	77	8.2
PD 3246	4.34	1.13	0.94	43.5	20.6	5.5	442	26	76	8.0
TH 149	4.33	1.09	0.87	42.1	19.7	6.1	442	30	77	7.7
MCNAIR 6416	4.17	1.06	0.90	41.9	19.4	5.8	446	31	80	7.7
PD 5153	4.23	1.09	0.89	40.7	19.2	6.3	453	32	79	7.5
ATLAS 66-132	4.99	1.03	0.85	48.3	22.4	5.3	394	21	73	8.2
ATLAS 67	4.76	1.03	0.87	46.6	22.4	5.4	402	24	74	8.5
ACALA 1517D	4.50	1.16	0.99	44.5	23.6	6.5	426	19	75	8.2
ATLAS 66-182	4.18	1.01	0.80	46.1	21.2	5.7	442	35	74	8.0

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
BELLA MINA,ALA.									
COKER 310	967	A	5.94	77	43.1	10.9	.46	1.12	116
MO. 63-277D	915	AB	6.65	68	40.9	12.3	.48	1.10	128
TH 149	878	ABC	6.79	67	39.3	13.1	.45	1.05	120
COKER 201	862	ABCD	6.07	75	43.9	11.5	.47	1.05	110
ATLAS 66-182	860	ABCD	6.36	72	40.4	12.6	.48	1.08	124
MCNAIR 6416	829	BCD	6.24	73	40.2	11.4	.44	1.01	123
MO. 63-279D	823	BCD	6.27	73	40.4	12.6	.49	1.10	131
DELTAPINE 607	815	BCD	6.07	75	41.2	11.0	.49	1.09	126
COKER 421-5402	810	BCD	4.75	96	41.9	10.7	.47	1.08	127
PD 4381	809	BCD	5.66	80	39.8	11.5	.49	1.09	128
ATLAS 66-132	807	BCD	5.62	81	41.3	12.4	.49	1.05	134
PD 5153	800	BCD	5.59	81	40.6	12.2	.49	1.07	135
ST. 508-9083	796	BCD	6.44	71	43.1	11.0	.48	1.11	120
MCNAIR 6207	791	BCD	5.77	79	41.1	11.2	.46	1.06	114
ATLAS 67	776	CD	5.64	81	40.3	12.4	.48	1.04	125
COKER 413-7905	769	CD	5.51	83	39.9	11.2	.51	1.13	127
PD 3246	762	CD	6.28	72	39.8	12.3	.51	1.15	141
ACALA 1517D	730	DE	6.43	71	38.9	12.9	.53	1.15	151
PD 2165B	634	E	5.62	81	41.6	12.3	.51	1.13	130
ATLAS 66-146	610	E	5.46	83	40.2	12.6	.47	1.07	133
TIFTON, GA.									
TH 149	614	A	7.17	64	34.0	13.9	.51	1.13	137
COKER 201	606	AB	6.23	73	36.1	10.9	.52	1.16	128
MCNAIR 6207	596	ABC	6.04	76	34.7	13.0	.50	1.13	122
ST. 508-9083	575	ABCD	5.96	77	38.6	9.9	.51	1.14	127
PD 5153	552	ABCDE	6.01	76	36.4	12.6	.50	1.11	139
DELTAPINE 607	545	ABCDE	5.63	81	36.0	10.0	.50	1.10	135
COKER 421-5402	544	ABCDE	5.26	87	35.9	13.0	.56	1.22	134
COKER 310	543	ABCDE	6.21	73	35.9	12.9	.50	1.21	137
ATLAS 67	529	BCDEF	5.71	80	35.6	11.9	.54	1.15	142
ATLAS 66-146	526	BCDEF	5.61	81	35.6	12.0	.50	1.12	142
MCNAIR 6416	516	CDEF	6.56	70	35.0	12.8	.47	1.07	127
COKER 413-7905	502	DEFG	5.53	82	33.9	12.1	.51	1.18	136
MO. 63-279D	498	DEFG	6.01	76	34.4	12.6	.52	1.15	141
ATLAS 66-132	498	DEFG	5.50	83	34.8	12.2	.49	1.08	147
MO. 63-277D	495	DEFG	6.65	68	35.0	12.1	.48	1.12	142
PD 4381	493	DEFG	5.40	84	34.8	13.2	.51	1.17	146
PD 3246	486	EFG	6.32	72	35.6	13.3	.52	1.18	146
ATLAS 66-182	481	EFG	6.34	72	34.8	12.1	.49	1.14	141
ACALA 1517D	449	FG	6.13	74	34.1	13.3	.53	1.18	157
PD 2165B	429	G	5.52	83	37.7	12.0	.53	1.20	146

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

BELLA MINA, ALA.

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
COKER 310	7.00	1.13	0.90	37.2	19.4	7.0	385	20	73	8.5
MO. 63-277D	8.00	1.13	0.93	36.8	20.2	8.0	417	23	72	8.5
TH 149	7.00	1.11	0.92	38.4	20.0	6.3	396	21	74	7.7
COKER 201	5.00	1.08	0.86	38.0	19.0	6.5	371	17	73	8.0
ATLAS 66-182	2.00	1.05	0.84	42.7	20.8	6.2	390	19	71	7.7
MCNAIR 6416	3.00	1.06	0.88	41.4	19.6	5.7	393	17	75	7.7
MO. 63-279D	3.00	1.14	0.97	39.6	20.4	6.6	411	22	74	8.5
DELTAPINE 607	5.00	1.11	0.90	40.4	20.5	6.8	363	14	75	7.2
COKER 421-5402	6.00	1.10	0.89	40.6	19.8	5.9	411	24	73	7.7
PD 4381	0.00	1.12	0.92	40.3	21.3	6.7	429	30	73	8.0
ATLAS 66-132	1.00	1.07	0.90	45.2	23.5	6.1	365	18	71	7.7
PD 5153	1.00	1.13	0.96	42.4	22.3	6.2	384	24	74	8.0
ST. 508-9083	1.00	1.13	0.92	37.2	20.0	7.9	408	22	75	8.0
MCNAIR 6207	9.00	1.08	0.87	37.3	19.1	6.8	410	23	74	7.7
ATLAS 67	1.00	1.02	0.83	41.7	21.7	6.2	375	20	72	8.7
COKER 413-7905	3.00	1.14	0.93	41.0	19.9	6.0	428	30	76	7.5
PD 3246	2.00	1.16	0.97	43.3	22.2	6.3	416	25	72	7.5
ACALA 1517D	1.00	1.20	1.01	42.8	22.9	7.0	418	23	75	7.7
PD 2165B	1.00	1.12	0.91	42.8	21.9	6.2	386	22	74	8.2
ATLAS 66-146	3.00	1.07	0.90	41.7	20.6	5.9	402	22	73	7.5

TIFTON, GA.

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
TH 149	4.27	1.16	0.97	39.1	20.5	6.3	441	32	76	8.2
COKER 201	4.41	1.19	0.98	37.4	19.4	7.0	443	37	75	8.0
MCNAIR 6207	4.11	1.18	0.98	36.5	18.9	7.1	446	41	74	8.0
ST. 508-9083	4.11	1.14	0.94	37.2	19.7	8.6	450	31	76	8.7
PD 5153	4.64	1.15	0.98	41.7	20.8	6.4	417	17	76	8.2
DELTAPINE 607	4.74	1.14	0.95	40.0	20.4	7.2	400	19	75	7.5
COKER 421-5402	3.88	1.21	0.99	40.0	20.3	6.9	473	42	74	8.0
COKER 310	4.44	1.27	1.03	38.0	20.5	7.6	441	38	73	8.2
ATLAS 67	4.09	1.12	0.94	42.2	22.3	6.4	442	35	74	8.5
ATLAS 66-146	4.18	1.15	0.98	42.1	22.0	6.4	455	43	75	8.2
MCNAIR 6416	4.39	1.11	0.93	40.7	18.6	6.4	434	27	75	8.2
COKER 413-7905	3.74	1.23	1.03	39.4	20.1	6.6	488	53	75	8.2
MO. 63-279D	4.00	1.20	1.01	39.3	20.7	7.4	463	35	75	8.7
ATLAS 66-132	4.46	1.14	0.96	44.1	23.2	6.3	442	37	74	8.5
MO. 63-277D	4.00	1.18	0.99	37.7	21.2	9.3	467	39	75	9.0
PD 4381	3.75	1.15	0.95	41.6	21.7	7.4	478	32	75	8.2
PD 3246	4.01	1.21	1.03	42.9	21.9	6.2	451	35	75	8.5
ATLAS 66-182	4.19	1.14	0.95	43.3	21.4	6.6	444	31	74	8.5
ACALA 1517D	4.13	1.22	1.02	41.8	23.1	6.9	457	30	75	8.7
PD 2165B	4.28	1.19	1.00	44.8	22.0	6.2	434	31	74	8.5

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	22'S
EXPERIMENT, GA.									
TH 149	921	A	7.07	64	37.4	13.2	.53	1.11	130
COKER 310	880	AB	6.52	70	40.1	11.6	.55	1.16	130
MO. 63-279D	862	ABC	6.65	69	36.9	12.4	.54	1.12	140
COKER 201	847	ABCD	6.61	69	40.0	11.3	.50	1.09	126
PD 5153	803	ABCDE	6.27	72	38.4	12.2	.52	1.09	140
PD 3246	796	BCDE	6.47	70	37.3	12.5	.57	1.19	152
COKER 413-7905	771	BCDEF	5.77	79	37.3	10.9	.51	1.11	142
ATLAS 67	768	BCDEF	6.01	76	37.3	12.4	.51	1.10	143
MO. 63-277D	764	BCDEF	7.23	63	37.5	12.6	.55	1.12	145
DELTAPINE 607	755	CDEFG	6.38	71	37.2	11.6	.54	1.11	138
ACALA 1517D	735	DEFG	6.98	65	35.6	13.3	.57	1.17	160
MCNAIR 6416	709	EFG	6.94	66	37.0	11.8	.50	1.07	135
ATLAS 66-182	704	EFG	6.56	70	36.3	12.8	.52	1.07	141
PD 4381	699	EFG	6.11	74	36.8	11.0	.51	1.10	146
ST. 508-9083	695	EFG	6.39	71	39.3	11.2	.54	1.13	138
COKER 421-5402	694	EFG	5.71	80	39.5	10.5	.52	1.08	139
ATLAS 66-132	680	EFG	6.06	75	38.0	12.7	.52	1.05	145
PD 2165B	651	FG	6.10	75	38.7	12.8	.53	1.15	144
ATLAS 66-146	634	G	5.75	79	38.1	12.3	.53	1.11	140
MCNAIR 6207	523	H	6.08	75	38.0	11.0	.52	1.08	128
FLORENCE, S.C.									
MO. 63-277D	904	A	6.43	71	36.4	13.1	.54	1.17	145
PD 4381	858	AB	5.47	84	37.1	11.9	.50	1.11	139
MCNAIR 6207	852	AB	5.67	80	37.0	11.4	.49	1.10	124
COKER 310	822	ABC	6.08	75	39.5	11.8	.52	1.15	131
TH 149	821	ABC	6.96	66	35.5	14.7	.52	1.12	131
COKER 201	816	ABC	5.86	78	39.6	11.5	.52	1.10	124
PD 5153	805	ABCD	5.68	80	36.3	12.7	.52	1.10	140
MCNAIR 6416	791	ABCDE	6.39	71	36.1	11.9	.49	1.06	129
COKER 421-5402	782	ABCDE	4.61	99	38.4	11.0	.51	1.11	137
ATLAS 66-182	773	ABCDE	6.22	73	36.3	12.9	.48	1.07	144
ATLAS 67	721	BCDE	5.64	81	37.2	12.4	.52	1.08	151
MO. 63-279D	718	BCDE	5.74	79	35.6	12.9	.50	1.14	139
PD 3246	683	BCDE	5.80	78	37.0	12.5	.47	1.12	145
ATLAS 66-146	680	BCDE	5.32	86	37.6	12.8	.50	1.08	141
PD 2165B	664	CDE	5.36	85	38.4	12.0	.52	1.14	147
COKER 413-7905	657	CDE	4.68	97	37.4	11.5	.51	1.14	139
DELTAPINE 607	655	CDE	4.80	95	38.0	10.5	.48	1.08	137
ATLAS 66-132	637	CDE	5.43	84	37.9	13.0	.51	1.08	143
ACALA 1517D	625	DE	6.06	75	35.0	13.6	.54	1.15	153
ST. 508-9083	611	E	5.64	81	40.0	10.7	.48	1.11	129

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	T0	T1	E1	A	D	RD	B
				EXPERIMENT, GA.						
TH 149	4.44	1.09	0.88	38.9	19.5	6.5	420	30	75	8.5
COKER 310	4.98	1.19	1.00	37.1	20.3	7.3	392	24	75	9.2
MO. 63-279D	4.27	1.13	0.94	39.9	21.1	6.9	443	33	76	8.5
COKER 201	4.75	1.06	0.89	38.6	18.7	7.3	420	32	74	9.0
PD 5153	4.60	1.12	0.96	42.9	22.4	6.3	408	29	75	9.0
PD 3246	4.36	1.14	0.92	45.2	22.3	5.9	441	31	76	8.5
COKER 413-7905	4.24	1.17	0.99	41.4	21.3	6.5	451	40	73	8.5
ATLAS 67	4.42	1.04	0.89	45.2	23.4	6.7	400	23	74	9.0
MO. 63-277D	4.09	1.14	0.96	39.7	23.0	9.2	450	32	75	9.2
DELTAPINE 607	4.81	1.12	1.00	41.2	22.2	6.9	452	27	77	8.7
ACALA 1517D	4.41	1.18	1.03	42.7	23.5	7.8	445	28	75	8.5
MCNAIR 6416	4.45	1.06	0.87	43.2	21.1	6.2	410	25	76	9.0
ATLAS 66-182	4.28	1.05	0.87	44.4	21.1	7.2	324	23	76	9.0
PD 4381	3.81	1.10	0.93	41.5	22.5	7.1	471	45	76	9.0
ST. 508-9083	4.07	1.12	0.93	38.1	21.6	8.6	457	41	76	9.0
COKER 421-5402	4.60	1.10	0.94	42.9	22.4	6.6	431	31	74	9.0
ATLAS 66-132	4.71	1.04	0.88	47.6	24.4	6.5	402	32	73	9.0
PD 2165B	4.64	1.11	0.92	45.5	23.5	6.2	413	21	76	9.0
ATLAS 66-146	4.37	1.07	0.91	45.8	23.0	6.4	415	26	75	8.5
MCNAIR 6207	4.20	1.09	0.92	39.5	19.8	7.1	447	40	75	9.0
				FLORENCE, S.C.						
MO. 63-277D	4.06	1.21	1.03	37.2	20.9	9.5	472	39	79	8.7
PD 4381	4.09	1.14	0.95	39.0	20.6	7.4	458	37	79	9.0
MCNAIR 6207	3.83	1.12	0.91	35.9	18.6	6.1	460	35	81	8.2
COKER 310	4.67	1.19	0.95	38.0	20.3	6.6	424	28	80	8.7
TH 149	4.47	1.14	0.96	38.5	20.0	6.8	425	22	79	8.2
COKER 201	4.56	1.14	0.92	37.3	19.3	6.6	412	26	80	8.7
PD 5153	4.36	1.13	0.95	41.4	21.3	6.4	430	27	80	8.5
MCNAIR 6416	4.33	1.05	0.85	40.7	19.4	6.0	433	30	81	8.0
COKER 421-5402	4.29	1.14	0.93	39.6	20.3	6.0	446	33	80	8.5
ATLAS 66-182	4.27	1.08	0.89	42.5	22.2	6.7	450	34	80	8.5
ATLAS 67	4.32	1.08	0.90	44.3	22.3	6.3	415	25	77	9.0
MO. 63-279D	4.17	1.18	0.96	39.0	20.8	7.0	459	36	79	8.7
PD 3246	4.12	1.16	0.93	42.6	21.9	6.4	467	33	81	8.2
ATLAS 66-146	4.31	1.10	0.91	42.9	22.6	6.0	426	28	79	8.5
PD 2165B	4.58	1.16	0.95	42.8	22.3	5.9	432	32	80	8.5
COKER 413-7905	3.91	1.15	0.92	40.2	20.1	5.8	457	32	81	8.5
DELTAPINE 607	4.42	1.10	0.88	40.2	20.4	6.3	435	29	82	8.2
ATLAS 66-132	4.58	1.07	0.89	45.7	24.4	5.9	390	23	77	9.0
ACALA 1517D	4.27	1.16	0.98	43.1	23.6	6.8	435	25	80	8.7
ST. 508-9083	4.02	1.13	0.91	37.2	19.5	8.4	454	34	80	8.7

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
			ROCKY MT., N.C.						
TH 149	618	A	6.12	74	33.3	12.0	.47	1.05	135
MO. 63-279D	617	A	5.90	77	33.1	12.2	.49	1.07	153
PD 5153	595	AB	5.71	80	33.5	12.5	.51	1.05	138
COKER 201	594	AB	5.62	81	35.5	10.8	.48	1.04	131
PD 4381	591	AB	5.46	84	34.5	10.9	.47	1.04	142
ATLAS 66-146	580	ABC	5.30	86	34.0	11.8	.49	1.06	146
MCNAIR 6207	572	ABCD	5.33	85	33.7	10.3	.46	1.02	128
COKER 310	565	ABCD	5.28	86	35.4	10.8	.52	1.14	141
DELTAPINE 607	564	ABCD	5.01	91	34.8	9.7	.49	1.05	147
MO. 63-277D	555	ABCD	6.20	73	33.8	12.1	.50	1.09	150
ST. 508-9083	550	BCD	4.97	91	36.8	9.9	.48	1.05	148
ATLAS 66-132	542	BCDE	5.49	83	33.7	12.0	.47	1.00	145
COKER 421-5402	536	BCDEF	4.79	95	34.6	10.3	.50	1.09	145
ATLAS 66-182	534	BCDEF	5.85	78	33.2	13.1	.47	1.02	140
COKER 413-7905	524	CDEFG	5.05	90	32.1	11.0	.51	1.09	156
PD 3246	521	CDEFG	5.74	79	33.6	12.2	.50	1.11	159
ATLAS 67	513	DEFG	5.38	85	33.2	11.9	.47	1.01	148
MCNAIR 6416	485	EFG	5.87	78	32.3	11.2	.47	1.00	132
PD 2165B	479	FG	5.39	84	35.4	11.9	.47	1.03	152
ACALA 1517D	469	G	5.98	76	32.0	12.1	.51	1.08	167

1968 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
ROCKY MT., N.C.										
TH 149	4.20	1.08	0.87	41.5	21.1	6.1	438	31	79	8.2
MO. 63-279D	4.01	1.08	0.88	42.4	22.1	6.5	455	31	79	8.7
PD 5153	4.61	1.06	0.86	43.6	22.2	5.8	407	23	79	8.5
COKER 201	4.62	1.03	0.83	42.5	20.8	6.4	413	30	77	9.2
PD 4381	3.79	1.04	0.86	42.4	22.1	6.7	458	42	80	8.5
ATLAS 66-146	4.25	1.05	0.87	46.0	23.7	5.9	433	35	77	8.5
MCNAIR 6207	4.08	1.01	0.82	39.8	19.6	6.3	446	28	78	8.5
COKER 310	4.56	1.12	0.92	40.6	21.2	7.0	420	21	77	8.7
DELTAPINE 607	4.81	1.05	0.89	45.1	22.9	6.4	404	17	80	8.5
MO. 63-277D	3.91	1.12	0.92	41.8	23.4	9.1	472	38	79	9.0
ST. 508-9083	3.66	1.04	0.84	41.0	22.4	8.1	473	34	79	8.7
ATLAS 66-132	4.60	0.99	0.80	48.8	23.3	5.7	402	19	78	8.7
COKER 421-5402	4.31	1.09	0.91	43.8	21.5	6.1	432	24	79	8.7
ATLAS 66-182	4.35	1.00	0.83	46.1	21.5	6.4	428	26	77	9.0
COKER 413-7905	4.25	1.14	0.94	44.6	22.6	5.9	443	29	77	8.5
PD 3246	4.19	1.11	0.92	46.6	23.7	5.7	441	34	80	8.5
ATLAS 67	4.63	0.99	0.81	48.1	24.7	5.9	409	28	77	9.0
MCNAIR 6416	3.98	1.00	0.83	43.8	20.0	5.9	449	28	80	8.2
PD 2165B	4.50	1.06	0.85	48.1	24.1	5.7	418	27	78	8.5
ACALA 1517D	4.16	1.12	0.94	46.3	25.4	7.1	449	29	78	8.7

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
CA 788-64-15	619 A	6.52	70	34.0	11.8	.47	1.10	126
STRIPPER 61-28	542 AB	6.21	74	32.7	12.7	.47	1.06	123
DELTAPINE 16	542 AB	5.48	84	32.6	11.6	.49	1.15	118
DUNN 56C	537 AB	6.52	71	31.4	13.4	.49	1.12	131
PAY'M. 111-300	531 AB	7.44	62	32.5	13.7	.49	1.08	122
STRIPPER CALA	531 AB	6.20	75	31.5	12.4	.46	1.07	122
PAYMASTER 111	526 ABC	7.39	62	32.2	13.9	.49	1.07	121
N.STAR 631-7	522 ABC	6.65	69	31.9	13.0	.48	1.08	116
LOCKETT 4789	502 BC	6.16	75	31.2	12.7	.49	1.08	122
ACALA 1517 BR-	492 BC	6.76	69	31.5	14.5	.53	1.18	155
GSA 254	490 BC	7.04	65	32.2	14.0	.51	1.16	149
CA 563	489 BC	8.03	61	32.7	12.3	.48	1.11	135
PAYMASTER 30-4	482 BC	6.86	68	32.3	13.1	.48	1.08	121
LOCKETT 4789A	467 BCD	6.37	75	32.1	12.0	.48	1.09	116
LANKART 57	452 BCD	7.53	62	34.3	14.1	.46	1.03	102
LAMBRIGHT X-15	449 BCD	7.19	64	32.9	14.4	.49	1.13	123
TPSA 110	429 CD	6.26	77	32.4	12.7	.48	1.10	124
LANKART 3840	379 D	6.70	69	31.4	13.8	.50	1.13	125

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
WELCH, TEX.	624 A	6.77	68	32.7	13.2	.49	1.09	128
LUBBOCK, TEX.	502 B	6.03	76	32.2	12.6	.47	1.10	120
TULIA, TEX	446 C	6.05	77	30.4	12.4	.46	1.12	120
CH.(DRY), OKLA	423 C	8.12	57	34.1	14.3	.51	1.10	131

BOLL SIZE, GRAM PER BOLL

CA 563	8.03	A
LANKART 57	7.53	AB
PAY'M. 111-300	7.44	AB
PAYMASTER 111	7.39	AB
LAMBRIGHT X-15	7.19	AB
GSA 254	7.04	AB
PAYMASTER 30-4	6.86	ABC
ACALA 1517 BR-	6.76	ABC
LANKART 3840	6.70	ABC
N.STAR 631-7	6.65	ABC
CA 788-64-15	6.52	BC
DUNN 56C	6.52	BC
LOCKETT 4789A	6.37	BC
TPSA 110	6.26	BC
STRIPPER 61-28	6.21	BC
STRIPPER CALA	6.20	BC
LOCKETT 4789	6.16	BC
DELTAPINE 16	5.48	C

BOLL SIZE, NO. PER LB.

DELTAPINE 16	84.00	A
TPSA 110	77.00	AB
LOCKETT 4789A	75.00	ABC
STRIPPER CALA	75.00	ABC
LOCKETT 4789	75.00	ABC
STRIPPER 61-28	74.00	ABCD
DUNN 56C	71.00	BCD
CA 788-64-15	70.00	BCD
N.STAR 631-7	69.00	BCD
LANKART 3840	69.00	BCD
ACALA 1517 BR-	69.00	BCD
PAYMASTER 30-4	68.00	BCD
GSA 254	65.00	BCD
LAMBRIGHT X-15	64.00	BCD
PAY'M. 111-300	62.00	CD
LANKART 57	62.00	CD
PAYMASTER 111	62.00	CD
CA 563	61.00	D

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
CA 788-64-15	3.99	1.12	0.91	40.1	19.8	6.8	479	40	78	8.0
STRIPPER 61-28	4.34	1.07	0.89	38.4	19.6	7.2	449	32	75	8.4
DELTAPINE 16	4.08	1.17	0.95	33.2	18.4	10.3	467	38	78	7.9
DUNN 56C	3.90	1.15	0.96	37.6	20.3	8.1	489	44	75	7.7
PAY'M. 111-300	4.21	1.11	0.93	36.2	19.2	8.0	463	35	76	8.4
STRIPPER CALA	3.73	1.07	0.86	37.6	18.8	7.3	508	51	76	8.6
PAYMASTER 111	4.31	1.10	0.91	36.1	18.9	7.8	453	30	76	8.3
N.STAR 631-7	3.99	1.10	0.91	34.7	18.3	8.4	482	42	76	8.2
LOCKETT 4789	4.03	1.12	0.93	36.3	18.5	7.9	480	47	77	8.2
ACALA 1517 BR-	3.96	1.22	1.03	42.8	23.1	7.0	481	33	77	7.8
GSA 254	3.85	1.19	0.99	43.0	22.5	6.6	491	40	77	7.9
CA 563	3.71	1.13	0.91	40.1	20.3	6.8	508	48	77	8.3
PAYMASTER 30-4	4.03	1.10	0.89	36.8	18.7	7.3	477	45	76	8.2
LOCKETT 4789A	3.88	1.11	0.90	35.3	18.2	8.2	499	48	77	8.2
LANKART 57	4.27	1.05	0.86	31.0	16.2	10.0	462	45	76	8.7
LAMBRIGHT X-15	3.90	1.13	0.93	37.9	19.8	8.6	507	41	77	8.3
TPSA 110	4.20	1.10	0.87	38.4	18.7	6.9	460	37	75	8.7
LANKART 3840	4.12	1.17	0.96	37.2	19.1	7.5	471	43	76	8.4

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			AREALO-METER		COLORI-METER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
WELCH, TEX.	4.16	1.11	0.93	38.2	19.8	7.6	463	39	77	8.9
LUBBOCK, TEX.	3.74	1.13	0.93	35.6	18.6	8.1	502	47	78	8.2
TULIA, TEX	3.45	1.13	0.90	34.9	18.3	8.0	537	60	76	8.8
CH.(DRY), OKLA	4.77	1.12	0.93	40.9	20.7	7.6	415	17	73	7.1

LINT PCT.		
LANKART 57	34.30	A
CA 788-64-15	34.00	AB
LAMBRIGHT X-15	32.90	ABC
STRIPPER 61-28	32.70	ABC
CA 563	32.70	ABC
DELTAPINE 16	32.60	ABC
PAY'M. 111-300	32.50	ABC
TPSA 110	32.40	ABC
PAYMASTER 30-4	32.30	ABC
GSA 254	32.20	ABC
PAYMASTER 111	32.20	ABC
LOCKETT 4789A	32.10	ABC
N.STAR 631-7	31.90	ABC
ACALA 1517 BR-	31.50	BC
STRIPPER CALA	31.50	BC
DUNN 56C	31.40	BC
LANKART 3840	31.40	BC
LOCKETT 4789	31.20	C

SEED INDEX		
ACALA 1517 BR-	14.50	A
LAMBRIGHT X-15	14.40	AB
LANKART 57	14.10	ABC
GSA 254	14.00	ABC
PAYMASTER 111	13.90	ABC
LANKART 3840	13.80	ABCD
PAY'M. 111-300	13.70	ABCDE
DUNN 56C	13.40	ABCDEF
PAYMASTER 30-4	13.10	ABCDEFG
N.STAR 631-7	13.00	BCDEFGH
STRIPPER 61-28	12.70	CDEFGH
TPSA 110	12.70	CDEFGH
LOCKETT 4789	12.70	CDEFGH
STRIPPER CALA	12.40	DEFGH
CA 563	12.30	EFGH
LOCKETT 4789A	12.00	FGH
CA 788-64-15	11.80	GH
DELTAPINE 16	11.60	H

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.		
ACALA 1517 BR-	.53	A
GSA 254	.51	AB
LANKART 3840	.50	ABC
PAYMASTER 111	.49	BCD
LOCKETT 4789	.49	BCD
DUNN 56C	.49	BCD
DELTAPINE 16	.49	BCD
LAMBRIGHT X-15	.49	BCD
PAY'M. 111-300	.49	BCD
LOCKETT 4789A	.48	BCD
N.STAR 631-7	.48	BCD
PAYMASTER 30-4	.48	BCD
TPSA 110	.48	BCD
CA 563	.48	BCD
CA 788-64-15	.47	CD
STRIPPER 61-28	.47	CD
STRIPPER CALA	.46	D
LANKART 57	.46	D

SPAN LENGTH, 2.5 PCT.		
ACALA 1517 BR-	1.18	A
GSA 254	1.16	AB
DELTAPINE 16	1.15	ABC
LANKART 3840	1.13	BCD
LAMBRIGHT X-15	1.13	BCD
DUNN 56C	1.12	BCDE
CA 563	1.11	BCDEF
CA 788-64-15	1.10	CDEF
TPSA 110	1.10	CDEF
LOCKETT 4789A	1.09	DEF
PAY'M. 111-300	1.08	DEFG
N.STAR 631-7	1.08	DEFG
PAYMASTER 30-4	1.08	DEFG
LOCKETT 4789	1.08	DEFG
PAYMASTER 111	1.07	EFG
STRIPPER CALA	1.07	EFG
STRIPPER 61-28	1.06	FG
LANKART 57	1.03	G

22'S		
ACALA 1517 BR-	155.00	A
GSA 254	149.00	A
CA 563	135.00	B
DUNN 56C	131.00	BC
CA 788-64-15	126.00	BCD
LANKART 3840	125.00	BCD
TPSA 110	124.00	BCD
STRIPPER 61-28	123.00	BCD
LAMBRIGHT X-15	123.00	BCD
STRIPPER CALA	122.00	CD
PAY'M. 111-300	122.00	CD
LOCKETT 4789	122.00	CD
PAYMASTER 111	121.00	CD
PAYMASTER 30-4	121.00	CD
DELTAPINE 16	118.00	D
N.STAR 631-7	116.00	D
LOCKETT 4789A	116.00	D
LANKART 57	102.00	E

MICRONAIRE		
STRIPPER 61-28	4.34	A
PAYMASTER 111	4.31	A
LANKART 57	4.27	AB
PAY'M. 111-300	4.21	AB
TPSA 110	4.20	AB
LANKART 3840	4.12	AB
DELTAPINE 16	4.08	AB
PAYMASTER 30-4	4.03	AB
LOCKETT 4789	4.03	AB
CA 788-64-15	3.99	AB
N.STAR 631-7	3.99	AB
ACALA 1517 BR-	3.96	AB
DUNN 56C	3.90	AB
LAMBRIGHT X-15	3.90	AB
LOCKETT 4789A	3.88	AB
GSA 254	3.85	AB
STRIPPER CALA	3.73	B
CA 563	3.71	B

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, UHM		
ACALA 1517 BR-	1.22	A
GSA 254	1.19	AB
DELTAPINE 16	1.17	BC
LANKART 3840	1.17	BC
DUNN 56C	1.15	BCD
CA 563	1.13	CD
LAMBRIGHT X-15	1.13	CD
CA 788-64-15	1.12	CDE
LOCKETT 4789	1.12	CDE
LOCKETT 4789A	1.11	DE
PAY'M. 111-300	1.11	DE
N.STAR 631-7	1.10	DEF
PAYMASTER 30-4	1.10	DEF
TPSA 110	1.10	DEF
PAYMASTER 111	1.10	DEF
STRIPPER CALA	1.07	EF
STRIPPER 61-28	1.07	EF
LANKART 57	1.05	F

DRAWING SLIVER, MEAN		
ACALA 1517 BR-	1.03	A
GSA 254	.99	AB
DUNN 56C	.96	BC
LANKART 3840	.96	BC
DELTAPINE 16	.95	BCD
LAMBRIGHT X-15	.93	BCDE
PAY'M. 111-300	.93	BCDE
LOCKETT 4789	.93	BCDE
CA 563	.91	CDEF
PAYMASTER 111	.91	CDEF
CA 788-64-15	.91	CDEF
N.STAR 631-7	.91	CDEF
LOCKETT 4789A	.90	CDEF
STRIPPER 61-28	.89	DEF
PAYMASTER 30-4	.89	DEF
TPSA 110	.87	EF
STRIPPER CALA	.86	F
LANKART 57	.86	F

UNIFORMITY RATIO		
ACALA 1517 BR-	84.00	A
PAY'M. 111-300	84.00	A
STRIPPER 61-28	83.00	AB
PAYMASTER 111	83.00	AB
LOCKETT 4789	83.00	AB
GSA 254	83.00	AB
DUNN 56C	83.00	AB
LANKART 57	82.00	AB
LANKART 3840	82.00	AB
LAMBRIGHT X-15	82.00	AB
PAYMASTER 30-4	82.00	AB
N.STAR 631-7	82.00	AB
LOCKETT 4789A	82.00	AB
DELTAPINE 16	81.00	AB
CA 788-64-15	81.00	AB
CA 563	81.00	AB
TPSA 110	80.00	B
STRIPPER CALA	80.00	B

STELOMETER - TO		
GSA 254	43.00	A
ACALA 1517 BR-	42.80	A
CA 563	40.10	B
CA 788-64-15	40.10	B
TPSA 110	38.40	BC
STRIPPER 61-28	38.40	BC
LAMBRIGHT X-15	37.90	BC
STRIPPER CALA	37.60	CD
DUNN 56C	37.60	CD
LANKART 3840	37.20	CD
PAYMASTER 30-4	36.80	CDE
LOCKETT 4789	36.30	CDE
PAY'M. 111-300	36.20	CDE
PAYMASTER 111	36.10	CDE
LOCKETT 4789A	35.30	DEF
N.STAR 631-7	34.70	EF
DELTAPINE 16	33.20	F
LANKART 57	31.00	G

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - T1

ACALA 1517 BR-	23.10	A
GSA 254	22.50	A
DUNN 56C	20.30	B
CA 563	20.30	B
CA 788-64-15	19.80	BC
LAMBRIGHT X-15	19.80	BC
STRIPPER 61-28	19.60	BC
PAY'M. 111-300	19.20	BC
LANKART 3840	19.10	BC
PAYMASTER 111	18.90	BC
STRIPPER CALA	18.80	BC
PAYMASTER 30-4	18.70	BC
TPSA 110	18.70	BC
LOCKETT 4789	18.50	C
DELTAPINE 16	18.40	C
N.STAR 631-7	18.30	C
LOCKETT 4789A	18.20	C
LANKART 57	16.20	D

STELOMETER - E1

DELTAPINE 16	10.30	A
LANKART 57	10.00	A
LAMBRIGHT X-15	8.60	B
N.STAR 631-7	8.40	B
LOCKETT 4789A	8.20	BC
DUNN 56C	8.10	BCD
PAY'M. 111-300	8.00	BCDE
LOCKETT 4789	7.90	BCDE
PAYMASTER 111	7.80	BCDEF
LANKART 3840	7.50	CDEFG
PAYMASTER 30-4	7.30	DEFGH
STRIPPER CALA	7.30	DEFGH
STRIPPER 61-28	7.20	EFGH
ACALA 1517 BR-	7.00	FGH
TPSA 110	6.90	GH
CA 563	6.80	GH
CA 788-64-15	6.80	GH
GSA 254	6.60	H

AREALOMETER - A

STRIPPER CALA	508.00	A
CA 563	508.00	A
LAMBRIGHT X-15	507.00	AB
LOCKETT 4789A	499.00	ABC
GSA 254	491.00	ABCD
DUNN 56C	489.00	ABCD
N.STAR 631-7	482.00	ABCD
ACALA 1517 BR-	481.00	ABCD
LOCKETT 4789	480.00	ABCD
CA 788-64-15	479.00	ABCD
PAYMASTER 30-4	477.00	ABCD
LANKART 3840	471.00	ABCD
DELTAPINE 16	467.00	ABCD
PAY'M. 111-300	463.00	ABCD
LANKART 57	462.00	ABCD
TPSA 110	460.00	BCD
PAYMASTER 111	453.00	CD
STRIPPER 61-28	449.00	D

AREALOMETER -D

STRIPPER CALA	51.00	A
LOCKETT 4789A	48.00	AB
CA 563	48.00	AB
LOCKETT 4789	47.00	AB
LANKART 57	45.00	ABC
PAYMASTER 30-4	45.00	ABC
DUNN 56C	44.00	ABC
LANKART 3840	43.00	ABC
N.STAR 631-7	42.00	ABC
LAMBRIGHT X-15	41.00	ABC
GSA 254	40.00	ABC
CA 788-64-15	40.00	ABC
DELTAPINE 16	38.00	ABC
TPSA 110	37.00	ABC
PAY'M. 111-300	35.00	ABC
ACALA 1517 BR-	33.00	BC
STRIPPER 61-28	32.00	BC
PAYMASTER 111	30.00	C

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

COLORIMETER -RD		
CA 788-64-15	78.00	A
DELTAPINE 16	78.00	A
LOCKETT 4789	77.00	AB
ACALA 1517 BR-	77.00	AB
CA 563	77.00	AB
GSA 254	77.00	AB
LOCKETT 4789A	77.00	AB
LAMBRIGHT X-15	77.00	AB
PAY'M. 111-300	76.00	AB
N.STAR 631-7	76.00	AB
STRIPPER CALA	76.00	AB
PAYMASTER 30-4	76.00	AB
LANKART 57	76.00	AB
PAYMASTER 111	76.00	AB
LANKART 3840	76.00	AB
DUNN 56C	75.00	B
STRIPPER 61-28	75.00	B
TPSA 110	75.00	B

COLORIMETER -B		
TPSA 110	8.70	A
LANKART 57	8.70	A
STRIPPER CALA	8.60	AB
PAY'M. 111-300	8.40	ABC
LANKART 3840	8.40	ABC
STRIPPER 61-28	8.40	ABC
PAYMASTER 111	8.30	ABC
CA 563	8.30	ABC
LAMBRIGHT X-15	8.30	ABC
N.STAR 631-7	8.20	ABC
PAYMASTER 30-4	8.20	ABC
LOCKETT 4789A	8.20	ABC
LOCKETT 4789	8.20	ABC
CA 788-64-15	8.00	ABC
DELTAPINE 16	7.90	BC
GSA 254	7.90	BC
ACALA 1517 BR-	7.80	C
DUNN 56C	7.70	C

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	

LUBBOCK, TEX.

CA 788-64-15	664	A	6.18	74	34.9	11.4	.48	1.12	129
DELTAPINE 16	632	AB	5.02	91	32.5	11.4	.49	1.15	113
DUNN 56C	600	ABC	5.99	76	31.9	13.1	.47	1.12	119
PAY'M. 111-300	576	ABC	6.44	71	32.6	12.6	.49	1.08	115
ACALA 1517 BR-	571	BCD	6.11	74	29.5	14.2	.54	1.22	151
GSA 254	554	BCDE	6.56	69	32.9	13.9	.50	1.15	142
PAYMASTER 111	553	BCDE	6.73	68	32.5	13.2	.48	1.07	117
LOCKETT 4789	535	CDEF	5.42	84	31.1	12.2	.48	1.09	117
N.STAR 631-7	481	DEFG	6.74	68	31.3	12.6	.46	1.08	115
STRIPPER 61-28	465	EFG	5.85	78	33.2	12.5	.47	1.05	124
PAYMASTER 30-4	460	FG	5.68	80	33.0	12.8	.46	1.05	117
LOCKETT 4789A	454	FG	5.40	84	32.8	11.4	.44	1.08	113
LAMBRIGHT X-15	421	GH	6.16	74	30.9	14.2	.48	1.13	122
TPSA 110	407	GH	5.28	86	33.0	12.4	.46	1.12	117
LANKART 57	339	HI	5.95	77	33.7	13.1	.44	1.03	99
LANKART 3840	284	I	5.56	82	31.8	12.6	.47	1.10	115

TULIA, TEX.

CA 788-64-15	596	A	5.68	80	32.1	10.8	.47	1.14	121
STRIPPER 61-28	549	B	5.70	80	31.8	12.1	.45	1.07	117
PAYMASTER 111	535	BC	7.26	63	30.4	12.8	.47	1.08	119
DUNN 56C	533	BC	5.37	85	28.6	12.4	.46	1.13	126
PAY'M. 111-300	509	BC	7.11	64	31.3	13.1	.47	1.07	118
STRIPPER CALA	488	C	4.85	94	30.7	11.1	.45	1.08	121
DELTAPINE 16	432	D	5.02	91	29.2	11.0	.46	1.14	114
LOCKETT 4789A	431	D	5.40	84	29.3	11.8	.45	1.09	107
N.STAR 631-7	430	D	5.83	78	29.4	12.5	.46	1.10	111
LOCKETT 4789	423	D	5.38	85	27.9	11.6	.45	1.07	120
LANKART 57	410	D	7.05	65	31.0	14.3	.46	1.05	100
PAYMASTER 30-4	407	D	6.15	74	29.1	11.9	.46	1.09	115
TPSA 110	395	D	5.28	86	30.6	11.9	.47	1.15	124
LANKART 3840	393	D	6.03	75	30.1	12.5	.48	1.13	118
GSA 254	382	D	6.56	70	29.6	13.5	.48	1.17	145
ACALA 1517 BR-	336	E	6.18	74	30.7	13.6	.49	1.19	144
LAMBRIGHT X-15	335	E	6.53	69	33.4	13.9	.46	1.15	111

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST

LUBBOCK, TEX.

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
CA 788-64-15	3.75	1.16	0.95	39.3	19.5	7.2	487	41	79	8.0
DELTAPINE 16	3.90	1.17	0.95	31.0	17.4	10.1	475	39	80	7.7
DUNN 56C	3.71	1.15	0.96	33.5	18.5	8.9	503	48	79	8.0
PAY'M. 111-300	3.85	1.12	0.94	34.8	18.5	8.1	493	45	78	8.2
ACALA 1517 BR-	4.00	1.26	1.06	40.8	21.9	7.4	473	29	80	8.0
GSA 254	3.80	1.20	1.01	41.3	21.6	6.5	486	34	79	8.2
PAYMASTER 111	4.25	1.09	0.91	35.0	18.8	8.0	463	35	78	8.2
LOCKETT 4789	3.66	1.11	0.93	34.3	17.5	8.3	508	61	79	8.0
N.STAR 631-7	3.60	1.11	0.92	32.9	17.5	9.0	513	52	79	8.0
STRIPPER 61-28	4.20	1.08	0.92	36.2	19.7	7.3	466	38	77	8.2
PAYMASTER 30-4	3.71	1.11	0.89	34.2	17.9	7.7	514	58	78	8.2
LOCKETT 4789A	3.46	1.12	0.90	34.0	17.7	8.5	539	56	79	8.0
LAMBRIGHT X-15	3.48	1.15	0.95	36.6	18.8	9.1	538	54	79	8.5
TPSA 110	3.79	1.12	0.88	36.5	17.6	6.7	503	50	77	8.5
LANKART 57	3.62	1.06	0.86	29.8	15.4	10.4	507	58	78	8.7
LANKART 3840	3.80	1.15	0.95	36.1	18.0	7.3	493	50	78	8.0

TULIA, TEX.

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
CA 788-64-15	3.30	1.16	0.92	37.4	19.5	6.6	543	63	78	8.2
STRIPPER 61-28	3.94	1.08	0.84	35.1	17.8	7.6	494	48	73	9.7
PAYMASTER 111	3.90	1.13	0.92	33.1	17.5	7.5	489	42	76	8.7
DUNN 56C	3.32	1.18	0.94	35.9	19.5	8.0	547	57	76	8.2
PAY'M. 111-300	3.81	1.10	0.89	32.3	18.0	8.2	498	45	76	9.0
STRIPPER CALA	3.19	1.06	0.80	35.4	17.3	7.6	578	75	75	9.5
DELTAPINE 16	3.65	1.16	0.92	31.0	17.6	11.1	521	55	77	8.5
LOCKETT 4789A	3.21	1.12	0.89	32.6	17.0	8.2	569	68	77	8.5
N.STAR 631-7	3.29	1.12	0.89	32.0	17.1	8.1	541	67	77	9.0
LOCKETT 4789	3.16	1.11	0.89	34.2	17.5	8.0	572	80	77	9.0
LANKART 57	3.56	1.08	0.86	29.4	15.8	10.4	521	64	76	9.2
PAYMASTER 30-4	3.46	1.11	0.85	34.5	17.4	7.2	534	66	77	8.5
TPSA 110	3.74	1.12	0.85	35.0	17.2	7.5	501	56	74	9.7
LANKART 3840	3.67	1.17	0.93	35.7	18.2	7.2	506	62	75	9.5
GSA 254	3.32	1.20	0.95	41.9	21.3	6.9	553	58	78	8.0
ACALA 1517 BR-	3.26	1.23	1.02	40.2	22.1	7.0	554	59	77	8.2
LAMBRIGHT X-15	3.12	1.13	0.87	34.0	18.4	8.7	581	58	77	8.5

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
WELCH, TEX.									
CA 788-64-15	742	A	6.65	68	33.4	11.3	.48	1.08	133
STRIPPER CALA	716	AB	6.25	73	31.1	12.4	.46	1.08	125
LAMBRIGHT X-15	669	ABC	7.43	62	32.6	14.0	.49	1.10	128
N.STAR 631-7	667	ABC	7.18	63	33.0	13.9	.47	1.07	113
GSA 254	655	ABC	7.30	62	32.2	14.1	.52	1.13	153
PAY'M. 111-300	655	ABC	7.68	59	32.3	13.8	.50	1.10	125
DELTAPINE 16	653	ABC	5.73	79	33.3	11.6	.52	1.16	121
STRIPPER 61-28	651	ABC	6.52	70	32.4	13.9	.48	1.04	132
ACALA 1517 BR-	646	ABCD	6.40	71	32.6	14.4	.52	1.15	159
PAYMASTER 30-4	644	ABCD	7.33	62	33.0	12.4	.48	1.05	119
LOCKETT 4789	628	ABCDE	6.19	73	31.6	12.2	.51	1.07	122
DUNN 56C	620	ABCDEF	7.08	64	32.7	13.3	.52	1.11	137
PAYMASTER 111	596	BCDEF	7.85	58	32.0	14.1	.51	1.08	131
CA 563	587	BCDEF	6.73	68	31.0	13.2	.47	1.09	137
LANKART 57	578	CDEF	7.55	61	35.8	14.0	.45	1.03	104
LOCKETT 4789A	524	DEF	5.48	83	33.3	11.7	.49	1.08	126
LANKART 3840	510	EF	6.85	66	32.8	14.0	.48	1.10	120
TPSA 110	498	F	5.61	81	33.1	12.2	.50	1.11	123
CHICKASHA, OKLA. (DRY)									
N.STAR 631-7	510	A	6.85	66	34.0	12.8	.51	1.07	126
STRIPPER 61-28	503	AB	6.78	67	33.2	12.3	.48	1.05	121
LANKART 57	480	ABC	9.56	48	36.6	15.1	.48	1.00	106
CA 788-64-15	473	ABCD	7.55	60	35.7	13.5	.47	1.07	120
LOCKETT 4789A	460	ABCDE	9.18	50	33.1	13.1	.52	1.10	118
DELTAPINE 16	452	BCDE	6.13	74	35.4	12.2	.50	1.14	125
CA 563	436	CDEF	.58	43	36.0	12.5	.52	1.10	147
LOCKETT 4789	423	DEFG	7.64	60	34.0	14.8	.52	1.09	130
PAYMASTER 111	418	EFGH	7.69	59	33.7	15.2	.50	1.06	118
TPSA 110	415	EFGH	8.36	54	32.8	14.4	.49	1.03	132
PAYMASTER 30-4	415	EFGH	8.29	55	34.0	15.3	.52	1.10	133
DUNN 56C	395	FGH	7.63	60	32.5	14.9	.51	1.12	141
PAY'M. 111-300	385	FGH	8.53	53	34.0	15.3	.51	1.08	131
STRIPPER CALA	375	GHI	7.72	59	34.7	14.1	.49	1.06	124
GSA 254	367	HI	7.72	59	34.2	14.6	.55	1.17	157
LANKART 3840	328	I	8.36	55	31.0	16.0	.56	1.20	148

1968 PLAINS QUALITY REGIONAL COTTON VARIETY TEST

WELCH, TEX.

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
CA 788-64-15	3.90	1.10	0.90	42.6	21.5	6.4	493	46	78	8.7
STRIPPER CALA	3.52	1.07	0.86	38.5	19.1	7.3	506	58	78	8.7
LAMBRIGHT X-15	4.30	1.12	0.94	39.2	20.7	8.0	471	38	77	9.0
N.STAR 631-7	4.21	1.09	0.90	35.1	18.0	8.1	461	41	78	8.7
GSA 254	3.94	1.16	0.99	42.8	22.8	6.4	486	50	78	8.5
PAY'M. 111-300	4.15	1.11	0.93	37.2	19.1	7.7	462	36	78	9.0
DELTAPINE 16	4.19	1.20	1.01	33.7	18.9	10.4	462	44	79	8.5
STRIPPER 61-28	4.59	1.07	0.92	39.9	20.8	7.1	427	28	77	8.5
ACALA 1517 BR-	4.10	1.18	1.01	43.9	23.4	6.5	467	29	78	8.5
PAYMASTER 30-4	4.32	1.05	0.88	37.7	18.3	7.0	448	39	77	9.0
LOCKETT 4789	4.09	1.10	0.92	35.2	18.7	8.1	456	38	78	9.0
DUNN 56C	3.94	1.15	0.96	39.1	20.9	7.9	481	47	77	8.5
PAYMASTER 111	4.17	1.09	0.92	37.3	19.8	7.7	453	28	77	9.0
CA 563	3.95	1.13	0.95	40.1	20.8	6.8	488	45	77	8.7
LANKART 57	4.57	1.03	0.86	31.9	16.9	9.3	435	36	76	9.2
LOCKETT 4789A	4.02	1.08	0.91	36.6	19.2	8.3	474	45	77	9.0
LANKART 3840	4.69	1.13	0.94	37.5	19.2	6.9	429	32	78	9.2
TPSA 110	4.17	1.10	0.88	39.0	18.3	6.5	443	33	76	9.5

CHICKASHA, OKLA. (DRY)

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
N.STAR 631-7	4.86	1.08	0.91	38.9	20.3	8.3	413	11	72	
STRIPPER 61-28	4.62	1.05	0.86	42.3	20.3	6.5	411	13	73	
LANKART 57	5.31	1.04	0.86	32.9	16.7	9.7	386	22	74	
CA 788-64-15	5.02	1.07	0.85	40.9	18.5	6.8	393	12	77	
LOCKETT 4789A	4.80	1.10	0.90	38.1	18.7	7.7	412	24	75	
DELTAPINE 16	4.56	1.14	0.91	37.2	19.5	9.5	413	12	75	
CA 563	4.49	1.13	0.92	44.5	22.0	6.3	442	24	76	
LOCKETT 4789	5.20	1.16	0.98	41.5	20.3	7.2	385	09	75	
PAYMASTER 111	4.90	1.09	0.90	38.8	19.5	7.9	408	14	73	
TPSA 110	5.10	1.04	0.88	42.9	21.5	6.8	394	11	73	
PAYMASTER 30-4	4.60	1.12	0.95	40.9	21.3	7.2	415	16	74	
DUNN 56C	4.61	1.14	0.96	41.8	22.2	7.7	425	25	68	
PAY'M. 111-300	5.02	1.12	0.95	40.4	21.1	8.0	399	14	73	
STRIPPER CALA	4.90	1.08	0.90	41.0	19.8	6.9	405	16	73	
GSA 254	4.32	1.19	1.01	46.0	24.0	6.6	442	18	73	
LANKART 3840	4.33	1.21	1.01	39.4	21.0	8.5	458	30	73	

1968 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
P 19	880	A	3.62	126	36.9	12.9	.66	1.42	182
PIMA S-4	833	AB	3.79	120	37.4	12.1	.63	1.36	170
P15-27	821	AB	3.82	119	37.4	12.1	.63	1.38	170
P15-14	802	AB	3.80	120	36.5	12.7	.66	1.39	174
P 20	791	BC	3.83	119	36.5	12.6	.68	1.41	184
PIMA S-2	772	BC	3.83	119	37.7	12.2	.62	1.33	167
126-1	768	BC	3.62	126	35.3	12.1	.65	1.38	170
PIMA S-3	712	C	3.87	118	35.3	12.4	.64	1.38	166

SUBREGIONAL SUMMARY COMBINING PHOENIX, MARANA, COOLIDGE AND TEMPE

P15-14	1034	A	3.63	126	36.1	12.4	.68	1.41	179
P 19	1026	A	3.38	134	36.0	12.7	.67	1.43	184
P15-27	1022	A	3.61	126	36.6	11.9	.65	1.40	173
PIMA S-4	1010	A	3.61	126	36.5	12.0	.65	1.38	174
PIMA S-2	911	B	3.61	126	37.1	12.0	.64	1.36	169
P 20	907	B	3.65	124	35.8	12.2	.70	1.43	186
126-1	884	B	3.41	133	34.2	12.0	.67	1.42	172
PIMA S-3	783	C	3.68	124	34.5	12.1	.66	1.41	172

SUBREGIONAL SUMMARY COMBINING SAFFORD (PACE), SAFFORD (CURTIS), LAS CRUCES, FABENS

P 19	734	A	3.87	118	37.8	13.0	.65	1.40	180
P 20	675	AB	4.01	113	37.3	12.9	.65	1.39	182
PIMA S-4	656	ABC	3.98	114	38.3	12.3	.62	1.35	165
126-1	652	ABC	3.82	119	36.3	12.2	.62	1.35	167
PIMA S-3	641	ABC	4.06	113	36.2	12.6	.61	1.36	160
PIMA S-2	632	ABC	4.05	112	38.3	12.3	.60	1.30	164
P15-27	620	BC	4.03	113	38.2	12.3	.62	1.36	167
P15-14	569	C	3.97	115	37.0	13.0	.64	1.37	168

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
			GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
TEMPE, ARIZ.	1111	A	3.46	131	35.9	12.0	.66	1.39	174
MARANA, ARIZ.	977	B	3.76	121	37.0	12.3	.64	1.38	170
PHOENIX, ARIZ.	886	C	3.40	134	34.9	12.2	.67	1.41	179
COOLIDGE, ARIZ	814	CD	3.67	124	35.7	12.2	.68	1.43	181
S.(CURTIS),ARI	796	D	4.09	111	37.5	12.7	.67	1.40	178
LAS CR., N.MEX	654	E	3.75	121	37.9	12.2	.62	1.35	170
S.(PACE),ARIZ.	612	E	4.17	109	36.9	12.8	.63	1.36	169
FABENS, TEX.	527	F	3.88	117	37.5	12.5	.59	1.33	160

1968 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
P 19	3.93	1.37	1.09	46.2	27.6	8.8	478	31	72	9.2
PIMA S-4	3.93	1.33	1.05	46.1	27.2	9.1	473	33	69	10.6
P15-27	3.94	1.34	1.05	46.1	27.8	9.1	473	35	70	10.5
P15-14	3.84	1.32	1.03	46.7	28.3	8.3	482	31	69	10.7
P 20	3.88	1.35	1.07	48.1	29.3	7.9	481	29	69	10.5
PIMA S-2	4.05	1.28	1.03	45.2	26.6	8.5	465	26	72	10.0
126-1	3.92	1.34	1.08	43.9	27.0	8.7	470	30	69	9.8
PIMA S-3	3.86	1.33	1.05	44.1	26.4	8.6	487	33	66	10.6

SUBREGIONAL SUMMARY COMBINING PHOENIX, MARANA, COOLIDGE AND TEMPE

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
P15-14	4.06	1.36	1.08	46.6	28.6	8.4	465	26	71	10.6
P 19	4.03	1.38	1.11	46.1	26.9	9.0	471	27	75	9.1
P15-27	4.13	1.36	1.08	46.5	28.0	9.2	456	29	72	10.4
PIMA S-4	4.08	1.36	1.09	46.9	27.8	9.1	456	26	71	10.5
PIMA S-2	4.26	1.31	1.06	45.6	26.3	8.4	453	19	73	9.9
P 20	4.04	1.37	1.10	47.5	29.5	8.0	466	24	71	10.3
126-1	4.06	1.36	1.10	43.6	27.2	8.8	456	24	72	9.9
PIMA S-3	4.06	1.37	1.11	44.4	26.8	8.9	466	27	68	10.7

SUBREGIONAL SUMMARY COMBINING SAFFORD (PACE), SAFFORD (CURTIS), LAS CRUCES, FABENS

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
P 19	3.83	1.36	1.07	46.2	28.2	8.5	485	34	70	9.3
P 20	3.72	1.33	1.04	48.8	29.0	7.8	496	35	68	10.6
PIMA S-4	3.78	1.29	1.00	45.3	26.5	9.1	490	40	67	10.6
126-1	3.78	1.32	1.05	44.1	26.7	8.7	484	37	66	9.7
PIMA S-3	3.66	1.29	1.00	43.9	26.0	8.4	509	39	65	10.4
PIMA S-2	3.84	1.26	1.01	44.9	26.9	8.5	476	33	70	10.1
P15-27	3.75	1.32	1.01	45.6	27.5	9.1	490	40	68	10.6
P15-14	3.62	1.29	0.97	46.7	27.9	8.1	498	36	67	10.9

LOCATIONS COMBINING VARIETIES

LOCATION	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALOMETER A	AREALOMETER D	COLORIMETER RD	COLORIMETER B
TEMPE, ARIZ.	4.08	1.33	1.06	45.6	26.1	9.4	467	24	73	9.8
MARANA, ARIZ.	4.16	1.34	1.08	45.0	27.7	8.8	452	27	71	10.2
PHOENIX, ARIZ.	3.97	1.37	1.09	46.1	27.4	8.0	475	25	72	10.4
COOLIDGE, ARIZ	4.16	1.40	1.13	46.9	29.5	8.6	451	26	71	10.3
S.(CURTIS),ARI	3.84	1.33	1.06	45.5	27.5	8.8	484	36	68	10.2
LAS CR., N.MEX	3.74	1.30	1.00	48.0	28.0	8.3	486	37	69	10.2
S.(PACE),ARIZ.	3.86	1.30	1.00	44.9	27.0	8.8	482	35	68	10.6
FABENS, TEX.	3.54	1.30	1.02	44.4	26.9	8.3	513	40	65	10.1

1968 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL			BOLL SIZE, NO. PER LB.			LINT PCT.		
PIMA S-3	3.87	A	P 19	126.00	A	PIMA S-2	37.70	A
PIMA S-2	3.83	A	126-1	126.00	A	PIMA S-4	37.40	AB
P 20	3.83	A	P15-14	120.00	B	P15-27	37.40	AB
P15-27	3.82	A	PIMA S-4	120.00	B	P 19	36.90	BC
P15-14	3.80	A	PIMA S-2	119.00	B	P 20	36.50	C
PIMA S-4	3.79	A	P15-27	119.00	B	P15-14	36.50	C
126-1	3.62	B	P 20	119.00	B	PIMA S-3	35.30	D
P 19	3.62	B	PIMA S-3	118.00	B	126-1	35.30	D

SEED INDEX			SPAN LENGTH, 50 PCT.		
P 19	12.90	A	P 20	.68	A
P15-14	12.70	AB	P15-14	.66	AB
P 20	12.60	AB	P 19	.66	AB
PIMA S-3	12.40	BC	126-1	.65	ABC
PIMA S-2	12.20	C	PIMA S-3	.64	BC
PIMA S-4	12.10	C	P15-27	.63	BC
126-1	12.10	C	PIMA S-4	.63	BC
P15-27	12.10	C	PIMA S-2	.62	C

SPAN LENGTH, 2.5 PCT.			22'S		
P 19	1.42	A	P 20	184.00	A
P 20	1.41	AB	P 19	182.00	A
P15-14	1.39	ABC	P15-14	174.00	B
PIMA S-3	1.38	BC	PIMA S-4	170.00	BC
126-1	1.38	BC	P15-27	170.00	BC
P15-27	1.38	BC	126-1	170.00	BC
PIMA S-4	1.36	CD	PIMA S-2	167.00	C
PIMA S-2	1.33	D	PIMA S-3	166.00	C

MICRONAIRE			DRAWING SLIVER, UHM		
PIMA S-2	4.05	A	P 19	1.37	A
P15-27	3.94	AB	P 20	1.35	AB
PIMA S-4	3.93	AB	P15-27	1.34	BC
P 19	3.93	AB	126-1	1.34	BC
126-1	3.92	AB	PIMA S-3	1.33	BC
P 20	3.88	B	PIMA S-4	1.33	BC
PIMA S-3	3.86	B	P15-14	1.32	C
P15-14	3.84	B	PIMA S-2	1.28	D

1968 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, MEAN

P 19	1.09	A
126-1	1.08	A
P 20	1.07	AB
P15-27	1.05	AB
PIMA S-3	1.05	AB
PIMA S-4	1.05	AB
PIMA S-2	1.03	B
P15-14	1.03	B

UNIFORMITY RATIO

P 19	80.00	A
PIMA S-2	80.00	A
126-1	80.00	A
P 20	79.00	A
PIMA S-3	79.00	A
PIMA S-4	79.00	A
P15-27	78.00	A
P15-14	78.00	A

STELOMETER - TO

P 20	48.10	A
P15-14	46.70	AB
P 19	46.20	B
P15-27	46.10	B
PIMA S-4	46.10	B
PIMA S-2	45.20	BC
PIMA S-3	44.10	C
126-1	43.90	C

STELOMETER - T1

P 20	29.30	A
P15-14	28.30	AB
P15-27	27.80	BC
P 19	27.60	BC
PIMA S-4	27.20	BC
126-1	27.00	BC
PIMA S-2	26.60	C
PIMA S-3	26.40	C

STELOMETER - E1

P15-27	9.10	A
PIMA S-4	9.10	A
P 19	8.80	AB
126-1	8.70	AB
PIMA S-3	8.60	ABC
PIMA S-2	8.50	ABC
P15-14	8.30	BC
P 20	7.90	C

AREALOMETER - A

PIMA S-3	487.00	A
P15-14	482.00	AB
P 20	481.00	AB
P 19	478.00	AB
PIMA S-4	473.00	BC
P15-27	473.00	BC
126-1	470.00	BC
PIMA S-2	465.00	C

AREALOMETER -D

P15-27	35.00	A
PIMA S-3	33.00	A
PIMA S-4	33.00	A
P15-14	31.00	AB
P 19	31.00	AB
126-1	30.00	AB
P 20	29.00	AB
PIMA S-2	26.00	B

COLORIMETER -RD

P 19	72.00	A
PIMA S-2	72.00	A
P15-27	70.00	B
126-1	69.00	B
P 20	69.00	B
P15-14	69.00	B
PIMA S-4	69.00	B
PIMA S-3	66.00	C

COLORIMETER -B

P15-14	10.70	A
PIMA S-3	10.60	A
PIMA S-4	10.60	A
P15-27	10.50	A
P 20	10.50	A
PIMA S-2	10.00	B
126-1	9.80	B
P 19	9.20	C

1968 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX	SPAN LENGTH		22'S
		GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.	
PHOENIX, ARIZ.								
P15-14	1015 A	3.42	133	35.3	12.4	.68	1.43	181
P15-27	979 A	3.45	131	36.0	11.7	.64	1.40	175
PIMA S-4	958 AB	3.40	133	35.6	12.0	.66	1.39	179
P 19	936 AB	3.23	141	34.9	12.9	.66	1.45	184
P 20	891 B	3.51	129	34.7	12.0	.68	1.43	194
PIMA S-2	814 C	3.40	134	36.4	11.9	.65	1.36	174
126-1	800 C	3.35	135	33.1	12.4	.72	1.42	177
PIMA S-3	696 D	3.40	134	33.1	12.2	.65	1.42	168
TEMPE, ARIZ.								
P 19	1226 A	3.32	137	35.9	12.7	.69	1.42	180
P15-14	1223 AB	3.44	132	36.0	12.0	.67	1.39	179
P15-27	1211 AB	3.46	131	36.7	11.6	.66	1.38	171
PIMA S-4	1176 B	3.49	130	36.5	11.7	.64	1.35	172
P 20	1061 C	3.56	128	35.9	12.1	.73	1.45	187
PIMA S-2	1061 C	3.42	133	37.1	11.9	.62	1.33	167
126-1	1026 C	3.37	135	34.2	12.0	.65	1.41	170
PIMA S-3	901 D	3.61	126	34.5	12.0	.65	1.40	171
COOLIDGE, ARIZ.								
P15-14	925 A	3.75	121	36.4	12.5	.70	1.42	186
PIMA S-4	911 A	3.74	121	36.4	12.0	.67	1.42	180
P 19	905 A	3.43	132	36.1	12.6	.66	1.44	190
P15-27	885 AB	3.72	122	36.4	11.9	.66	1.40	181
PIMA S-2	790 BC	3.74	121	36.7	12.1	.67	1.42	175
126-1	751 C	3.29	138	33.7	11.7	.67	1.43	176
P 20	735 C	3.78	120	35.7	12.3	.69	1.43	187
PIMA S-3	612 D	3.90	117	34.0	12.5	.71	1.44	177
MARANA, ARIZ.								
P 19	1037 A	3.53	129	37.3	12.7	.67	1.41	184
P15-27	1014 AB	3.82	119	37.4	12.2	.63	1.39	167
PIMA S-4	993 ABC	3.79	120	37.7	12.2	.62	1.35	166
PIMA S-2	980 ABC	3.87	118	38.2	12.2	.59	1.31	161
P15-14	972 ABC	3.90	116	36.6	12.7	.65	1.38	170
126-1	957 ABC	3.64	125	35.7	12.0	.65	1.40	165
P 20	940 BC	3.75	121	36.8	12.5	.68	1.42	179
PIMA S-3	922 C	3.80	120	36.4	11.8	.64	1.36	172

1968 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	AREALO-METER A	AREALO-METER D	COLORI-METER RD	COLORI-METER B
PHOENIX, ARIZ.										
P15-14	3.95	1.37	1.10	45.8	28.3	7.9	474	27	72	10.7
P15-27	3.95	1.37	1.08	47.2	27.4	8.5	472	34	73	10.5
PIMA S-4	3.95	1.37	1.11	46.6	27.8	8.4	464	22	73	10.7
P 19	3.94	1.41	1.12	46.5	27.6	7.5	481	26	75	9.2
P 20	3.80	1.37	1.08	48.1	28.8	7.5	493	28	71	10.7
PIMA S-2	4.16	1.29	1.04	46.0	25.4	7.7	469	14	75	10.0
126-1	3.95	1.37	1.09	45.2	26.9	8.3	463	21	74	10.0
PIMA S-3	4.04	1.36	1.09	43.6	26.7	8.1	484	28	69	11.0
TEMPE, ARIZ.										
P 19	4.01	1.34	1.05	45.3	22.4	12.0	477	27	75	8.7
P15-14	3.95	1.31	1.03	45.7	26.9	8.7	476	26	72	10.2
P15-27	4.10	1.32	1.05	47.2	27.3	9.3	462	24	74	10.0
PIMA S-4	4.11	1.34	1.07	46.0	25.4	9.6	459	26	71	10.7
P 20	4.04	1.37	1.11	47.9	29.0	8.4	468	23	73	9.7
PIMA S-2	4.24	1.29	1.02	44.7	25.6	8.8	464	15	75	9.5
126-1	4.18	1.34	1.07	43.5	26.1	9.5	460	28	73	9.5
PIMA S-3	3.98	1.35	1.07	44.1	25.6	9.1	472	25	71	10.2
COOLIDGE, ARIZ.										
P15-14	4.15	1.41	1.15	48.7	31.0	8.1	452	25	71	10.5
PIMA S-4	4.20	1.38	1.12	48.9	29.9	8.9	447	26	71	10.5
P 19	4.10	1.41	1.14	47.2	29.3	8.1	470	30	75	9.2
P15-27	4.23	1.41	1.13	47.0	29.9	9.5	445	31	71	10.7
PIMA S-2	4.33	1.35	1.12	47.0	28.1	8.8	440	23	73	10.0
126-1	3.97	1.38	1.12	41.8	29.1	8.5	457	24	71	10.0
P 20	4.26	1.39	1.13	49.0	31.2	8.2	450	25	70	10.5
PIMA S-3	4.02	1.41	1.15	45.6	27.5	8.8	451	25	65	11.0
MARANA, ARIZ.										
P 19	4.08	1.36	1.11	45.6	28.3	8.4	459	26	73	9.2
P15-27	4.25	1.35	1.06	44.8	27.5	9.5	447	29	71	10.5
PIMA S-4	4.06	1.35	1.06	46.0	28.1	9.3	455	31	71	10.0
PIMA S-2	4.29	1.29	1.06	44.6	26.1	8.3	440	26	72	10.0
P15-14	4.20	1.32	1.06	46.2	28.1	8.7	459	29	69	10.7
126-1	4.13	1.36	1.13	43.9	26.8	8.8	446	23	71	10.0
P 20	4.05	1.35	1.07	44.8	29.0	7.7	454	21	71	10.2
PIMA S-3	4.19	1.36	1.11	44.2	27.2	9.4	456	30	68	10.7

1968 PIMA REGIONAL COTTON VARIETY TEST

SAFFORD (PACE), ARIZ.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
P 19	708 A	4.19	108	36.9	13.5	.67	1.43	183
PIMA S-4	700 A	4.20	108	38.3	12.2	.62	1.33	162
126-1	651 AB	4.02	113	35.5	12.6	.58	1.34	169
P 20	641 AB	4.11	111	36.3	13.3	.64	1.40	182
P15-27	615 AB	4.24	107	37.8	12.5	.59	1.31	168
PIMA S-2	582 BC	4.28	106	37.9	12.6	.59	1.30	166
PIMA S-3	508 C	4.23	107	35.9	12.8	.65	1.39	158
P15-14	494 C	4.12	110	36.3	13.0	.65	1.37	166

SAFFORD (CURTIS), ARIZ.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
126-1	923 A	3.90	116	36.6	12.2	.68	1.41	172
P 19	878 A	4.02	113	37.9	13.3	.66	1.41	191
PIMA S-4	841 A	4.10	111	38.7	12.3	.69	1.41	176
PIMA S-2	759 A	4.13	110	38.7	12.2	.62	1.32	170
PIMA S-3	758 A	4.17	109	35.7	12.8	.64	1.37	165
P 20	757 A	4.15	110	36.6	13.3	.70	1.42	194
P15-14	736 A	4.17	109	37.0	13.2	.69	1.42	180
P15-27	718 A	4.09	111	38.8	12.3	.68	1.44	179

LAS CRUCES, N. MEX.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
P 19	716 A	3.64	125	38.8	12.7	.64	1.39	175
PIMA S-3	697 AB	3.72	123	36.5	12.1	.60	1.38	164
P 20	694 AB	3.80	120	38.3	12.3	.64	1.37	181
P15-27	666 AB	3.72	122	38.1	11.8	.64	1.39	162
PIMA S-2	665 AB	4.03	113	38.6	12.2	.59	1.28	163
P15-14	610 AB	3.77	121	37.3	12.6	.60	1.34	171
126-1	591 B	3.72	122	37.0	11.9	.61	1.31	173
PIMA S-4	591 B	3.56	128	38.2	12.0	.58	1.30	170

FABENS, TEX.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
P 19	635 A	3.62	125	37.7	12.4	.62	1.38	171
P 20	606 AB	3.97	114	37.8	12.8	.63	1.39	171
PIMA S-3	602 AB	4.10	111	36.6	12.7	.56	1.30	155
PIMA S-2	522 BC	3.77	121	38.0	12.2	.58	1.28	159
PIMA S-4	492 C	4.05	112	37.9	12.7	.57	1.33	153
P15-27	481 C	4.08	111	38.1	12.5	.56	1.30	160
126-1	444 C	3.65	125	36.2	11.9	.61	1.33	157
P15-14	437 C	3.81	120	37.2	13.1	.60	1.32	157

1968 PIMA REGIONAL COTTON VARIETY TEST

SAFFORD (PACE), ARIZ.

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
P 19	3.91	1.34	1.02	47.0	28.9	8.5	471	33	71	10.0
PIMA S-4	3.91	1.27	1.00	44.8	26.5	9.5	474	37	69	10.7
126-1	3.89	1.32	1.05	42.1	26.1	9.2	470	38	67	10.0
P 20	3.78	1.33	1.02	47.9	28.4	8.0	500	41	69	10.7
P15-27	3.93	1.30	0.98	44.9	26.7	9.4	489	37	69	11.0
PIMA S-2	4.06	1.25	0.98	44.3	25.8	8.5	468	31	70	10.2
PIMA S-3	3.83	1.28	0.98	43.0	25.4	8.9	490	37	65	10.7
P15-14	3.59	1.27	0.96	45.2	28.0	8.2	494	27	68	11.2

SAFFORD (CURTIS), ARIZ.

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
126-1	3.90	1.33	1.08	44.7	26.9	8.6	482	37	67	9.7
P 19	3.99	1.36	1.06	45.6	27.7	8.6	485	38	72	9.0
PIMA S-4	3.79	1.34	1.07	44.9	27.0	9.3	480	37	69	10.7
PIMA S-2	3.96	1.27	1.03	45.2	27.2	9.1	470	32	71	10.0
PIMA S-3	3.70	1.32	1.05	43.4	25.6	8.4	497	31	65	10.5
P 20	3.71	1.35	1.06	48.1	29.3	8.2	491	34	67	10.7
P15-14	3.79	1.31	1.04	46.9	28.5	8.5	483	38	67	10.7
P15-27	3.88	1.34	1.06	44.7	27.6	9.5	484	39	68	10.5

LAS CRUCES, N. MEX.

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
P 19	3.74	1.34	1.08	48.2	29.2	8.2	482	37	71	8.7
PIMA S-3	3.77	1.27	0.96	45.6	26.8	8.6	510	38	67	10.2
P 20	3.73	1.30	0.98	51.2	29.9	7.6	489	37	71	10.5
P15-27	3.79	1.31	1.01	49.0	28.6	8.6	481	38	70	10.5
PIMA S-2	3.66	1.24	0.97	46.7	26.7	8.0	476	33	71	10.2
P15-14	3.60	1.29	0.94	49.2	28.4	7.9	498	35	69	10.7
126-1	3.80	1.32	1.07	46.6	28.2	8.3	470	35	69	9.7
PIMA S-4	3.84	1.28	0.99	47.0	26.1	8.7	484	43	69	10.5

FABENS, TEX.

VARIETY	MICRONAIRE	DRAWING SLIVER		STELOMETER			AREALOMETER		COLORIMETER	
		UHM	MEAN	TO	T1	E1	A	D	RD	B
P 19	3.66	1.38	1.12	44.1	27.0	8.6	502	30	65	9.5
P 20	3.65	1.34	1.08	47.7	28.3	7.3	506	28	66	10.5
PIMA S-3	3.34	1.27	0.99	43.3	26.2	7.6	539	50	63	10.0
PIMA S-2	3.65	1.27	1.03	43.4	27.7	8.5	493	39	69	10.0
PIMA S-4	3.57	1.26	0.94	44.6	26.5	8.8	524	46	64	10.5
P15-27	3.40	1.32	1.00	43.7	27.1	8.7	509	47	64	10.2
126-1	3.54	1.30	1.01	43.1	25.7	8.6	515	37	64	9.2
P15-14	3.49	1.28	0.95	45.4	26.7	7.9	518	45	65	11.0

1968 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST

Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	Phoenix, Arizona							
	Pima S-2	Pima S-3	Pima S-4	P 15-14	P 15-27	P-19	P-20	126-1
FIBER TESTS								
Classer's Designation								
Grade	50	50	50	50	50	60	60	60
Staple	44	44	44	44	46	46	44	46
Comber Drawing Sliver								
Fibrograph (inches)								
Upper half mean	1.34	1.35	1.38	1.37	1.38	1.41	1.36	1.36
Mean	1.15	1.11	1.14	1.14	1.15	1.17	1.15	1.12
Stelometer								
Tenacity (grams/tex)								
T_0	44.5	43.6	45.0	46.2	43.7	44.5	46.7	43.0
T_1	26.8	26.9	28.1	28.7	28.8	27.9	29.7	27.2
E_1	8.6	8.7	8.7	8.4	9.4	8.1	8.3	8.8
Arealometer								
A	464	478	461	477	462	473	481	460
D	36	39	26	43	39	39	48	40
SPINNING TESTS								
Skein strength								
50's combed	69	72	69	75	72	75	76	70
80's combed	39	39	38	41	39	41	41	38
Yarn appearance index	120	115	115	120	120	110	115	120
Yarn imperfections								
50's combed	3	4	6	10	7	6	11	19
80's combed	2	7	1	2	7	6	6	3
Waste (percent)								
Picker and card	11.3	13.9	12.3	12.1	11.6	13.9	14.6	14.7
Comber	17.9	19.3	16.9	18.2	17.2	17.4	19.3	16.5

1968 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	Safford, Arizona							
	Pima S-2	Pima S-3	Pima S-4	P 15-14	P 15-27	P-19	P-20	126-1
FIBER TESTS								
Classer's Designation								
Grade	30	40	30	30	30	30	30	40
Staple	46	46	46	46	46	48	46	46
Comber Drawing Sliver								
Fibrograph (inches)								
Upper half mean	1.29	1.32	1.34	1.35	1.34	1.39	1.33	1.36
Mean	1.06	1.11	1.09	1.15	1.10	1.15	1.12	1.15
Stelometer								
Tenacity (grams/tex)								
T_0	45.2	44.4	45.2	46.7	45.0	45.2	42.4	48.2
T_1	27.3	25.9	29.0	28.0	27.0	28.7	25.7	29.2
E_1	9.5	9.6	10.0	9.7	10.1	9.6	9.8	9.0
Arealometer								
A	467	368	471	474	476	463	468	487
D	49	33	41	52	50	58	51	39
SPINNING TESTS								
Skein strength								
50's combed	70	71	70	76	72	76	78	71
80's combed	38	40	38	41	39	42	43	39
Yarn appearance index	115	115	115	115	115	120	115	115
Yarn imperfections								
50's combed	8	13	3	3	6	11	3	6
80's combed	4	8	5	9	7	10	12	6
Waste (percent)								
Picker and card	7.4	9.6	7.7	7.7	8.0	8.3	8.9	9.4
Comber	15.8	16.7	15.6	15.3	14.8	15.2	15.9	13.8

1968 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	Las Cruces, New Mexico							
	Pima S-2	Pima S-3	Pima S-4	P 15-14	P 15-27	P-19	P-20	126-1
FIBER TESTS								
Classer's Designation								
Grade	50	50	60	60	50	60	50	60
Staple	44	44	44	44	44	44	44	44
Comber Drawing Sliver								
Fibrograph (inches)								
Upper half mean	1.25	1.25	1.26	1.26	1.32	1.35	1.30	1.27
Mean	1.02	0.97	1.00	0.99	1.05	1.09	1.03	1.02
Stelometer								
Tenacity (grams/tex)								
T_0	42.0	42.1	43.5	44.1	43.7	44.5	45.5	41.9
T_1	24.7	25.9	26.7	26.4	27.3	27.7	28.3	25.9
E_1	9.4	9.2	9.6	8.7	10.1	9.4	8.5	9.8
Arealometer								
A	479	505	486	493	480	490	512	494
D	50	49	51	55	57	50	48	49
SPINNING TESTS								
Skein strength								
50's combed	65	70	65	68	67	72	74	67
80's combed	35	38	35	37	36	39	40	37
Yarn appearance index	120	115	115	105	120	105	115	115
Yarn imperfections								
50's combed	9	9	14	26	10	15	19	12
80's combed	1	6	7	14	6	15	7	8
Waste (percent)								
Picker and card	13.6	16.1	13.9	14.0	13.7	17.4	14.7	15.4
Comber	20.1	20.8	22.1	22.2	19.6	19.7	19.3	19.6

Joint Cotton Breeding Policy Committee

(As of January 1969)

H. Rex Thomas, Director, Crops Research Division, Agricultural Research Service, USDA, Beltsville, Md. (Chairman.)
J. Ritchie Smith, Assistant Director, Production and Marketing Division, National Cotton Council, Memphis, Tenn. (Secretary.)
James H. Anderson, Director, Mississippi Agricultural Experiment Station, State College, Miss.
Robert R. Coker, President, Coker's Pedigreed Seed Co., Hartsville, S.C.
John A. Ewing, Dean of Agricultural Experiment Station, University of Tennessee, Knoxville, Tenn.
O. B. Garrison, Director, South Carolina Agricultural Experiment Station, Clemson, S.C.
A. L. Lockett, President, Lockett Seed Company, Vernon, Tex.
B. M. Waddle, Chief, Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, USDA, Beltsville, Md.
George Rea Walker, Vice President, Stoneville Pedigreed Seed Company, Stoneville, Miss.

National Cotton Variety Testing Committee

(As of January 1969)

T. R. Richmond, Department of Soil and Crop Sciences, Texas Agricultural Experiment Station, College Station, Tex. (Chairman.)
E. C. Ewing, Jr., Delta and Pine Land Co., Scott, Miss.
C. V. Feaster, Cotton Research Center, 4207 E. Broadway, Phoenix, Ariz.
W. D. Fisher, Cotton Research Center, 4201 E. Broadway, Phoenix, Ariz.
M. E. Hillman, Chairman, San Joaquin Valley Continuous Variety Testing Committee, Tulare, Calif.
Thomas Kerr, Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, USDA, Beltsville, Md.
C. F. Lewis, Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, USDA, Beltsville, Md.
H. D. Loden, ACCO Seed, Belmond, Iowa.
C. W. Manning, Stoneville Pedigreed Seed Co., Stoneville, Miss.
P. A. Miller, Department of Crop Science, North Carolina State University, Raleigh, N.C.
G. A. Niles, Department of Soil and Crop Sciences, Texas Agricultural Experiment Station, College Station, Tex.
H. H. Ramey, National Cotton Council of America, P. O. Box 12285, Memphis, Tenn.
L. L. Ray, Texas Agricultural Experiment Station, South Plains Research and Extension Center, Route 3, Lubbock, Tex.
W. P. Sappenfield, Delta Center, P. O. Box 188, Portageville, Mo.
H. W. Webb, Coker's Pedigreed Seed Co., Hartsville, S.C.

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Beltsville, Maryland 20705

Official Business
Penalty for Private Use, $300

POSTAGE & FEES PAID
United States Department of Agriculture